

## COUNTY OF BERKS, PENNSYLVANIA

## Office of Open Records

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January 6, 2009

Terry Mutchler, Executive Director PA Office of the Open Records 400 North Street Harrisburg, PA 17120 RECEIVED

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OFFICE OF OPEN RECORDS

Dear Ms. Mutchler

In Pennsylvania all Emergency Service Agencies are required to comply with the U.S. Emergency Planning and Community Right-To-Know Act (EPCRA - attached) also known as the Community Right-To-Know Act or SARA, Title III which provides for the collection and public release of information about the presence and release of hazardous or toxic chemicals in the nation's communities. Since most municipal emergency response plans contain information which provides locations and quantities of the chemicals that are a potential concern, there has been much debate about how SARA Title III meshes with expectations of the Office of Homeland Security regarding the security of data, specifically chemical production and storage data, as this industry sector has been identified as a huge homeland security vulnerability. Our question is really one of applicability of the law and which law applies. For example, does the PA Open Records Law exempts public access to emergency plans under Section (b) Exceptions:

- (ii) lists of infrastructure, resources and significant special events, including those defined by the Federal Government in the National Infrastructure Protections, which are deemed critical due to their nature and which result from risk analysis; threat assessments; consequences assessments; antiterrorism protective measures and plans; counterterrorism measures and plans; and security and response needs assessments; and
- (iii) building plans or infrastructure records that expose or create vulnerability through disclosure of the location, configuration or security of critical systems, including public utility systems, structural elements, technology, communication, electrical, fire suppression, ventilation, water, wastewater, sewage and gas systems.

Denying public access to those records and citing this section of the Open Records Act would permit our response to be in compliance with the Office of Homeland Security regulations (6CFR Part 27- attached) which is intended which is intended to fill a security gap in our country's anti-terrorism efforts by identifying and improving the security of chemicals that are potentially at a high level of risk for release, theft, or sabotage. However it would then be in conflict with SARA Title III. We look forward to obtaining an opinion in this matter.

Respectfully,

Terry L. Styer, Chief Clerk/Berks County Open Records Officer Berks County Commissioners 13th Floor Services Center Building 633 Court Street S.C. Reading, PA 19601



## National Association of SARA Title III Program Officials

Concerned with the Emergency Planning and Community Right-to-Know Act

November 8, 2007

The Department of Homeland Security has adopted 6 CFR Part 27, a new regulation mandated by Congress. The regulation is intended to fill a security gap in our country's anti-terrorism efforts by identifying and improving the security of chemicals that are potentially at a high level of risk for release, theft, or sabotage.

LEPCs and SERCs should alert EPCRA & RMP reporting facilities about these requirements. No reports are due to the LEPCs and SERCs under these requirements; however, given the potential for security requirements to have an impact on facility access for emergency responders and on emergency plans, it is critical for local planners, responders and facilities to communicate in order for a facility to satisfy the regulatory requirements.

In order to aid LEPCs, SERCs and facilities in understanding these new requirements we have prepared some short-hand aids. Following this cover page is a key issue comparison between EPCRA, RMP and the CFATS regulation. As requirements may change the user is counseled to look for updated information.

Following the side-by-side comparison we have edited the EPA "List of Lists" to add the proposed Appendix A list of chemicals and thresholds from the CFATS program. This list may change and we will update these materials when that happens.

The initial requirement for a facility with an Appendix A chemical over the threshold is to submit a Top-Screen. The CSAT Top-Screen is a questionnaire regarding the chemicals manufactured, processed, used, stored at or distributed by each facility. Based on the results of the CSAT Top-Screen facilities will be placed in one of four risk based tiers. DHS will require facilities preliminarily placed in Tiers 1-3 to complete a CSAT Security Vulnerability Assessment and develop CSAT Site Security Plan. The CSAT Top-Screen questionnaire, Security Vulnerability Assessment tool, and Site Security Plan template are online tools that DHS will require all regulated facilities to use.

The Top-Screen must be completed online within 60 calendar days of the effective date of the final Appendix A Chemicals of Interest list. DHS has finalized Appendix A and it expects the 60 day clock to begin to run on or about November 16th . Failure to complete a CSAT Top-Screen within the timeframe provided may result in civil penalties, a Department of Homeland Security audit and inspection, or an order to cease operations.

Facilities should go to <a href="www.DHS.gov/chemicalsecurity">www.DHS.gov/chemicalsecurity</a> and follow the registration instructions to access the CSAT. Once DHS validates a facility's registration, DHS will notify the facility about how to access the Top-Screen and other CSAT tools. A list of CSAT Top-Screen questions and user instructions are also available online at <a href="http://www.dhs.gov/xprevprot/programs/gc\_1169501486197.shtm">http://www.dhs.gov/xprevprot/programs/gc\_1169501486197.shtm</a>.

A full text version of the Chemical Facility Anti-Terrorism Standards Interim Final Rule (6 CFR Part 27) and Appendix A: DHS Chemicals of Interest are available online at <a href="http://www.dhs.gov/chemicalsecurity">http://www.dhs.gov/chemicalsecurity</a>

	Department of Homeland Security	EPCRA (SARA Title III)	RMP (Clean Air Act)
Facilities	Overview: Facilities are regulated	Overview: Generally, the requirements	Note: The Clean Air Act uses the term
Regulated	based on their classification as "high	for emergency planning and reporting	"stationary source" rather than facility
)	risk facilities." which may be	apply to any facility that has quantities of	in its statutory provisions. Thus, these
	determined by the presence of	chemicals on the list of lists that are	provisions apply to an owner or operator
	threshold quantities of certain	above threshold levels.	of a stationary source that has more than a
	chemicals, within the broad categories		threshold quantity of a regulated
	of: toxics, explosives, flammables,	The requirements for emergency release	substance in a process. 40 C.F.R. §68.10
	CW/CWP, sabotage/contamination	notification apply to any facility where a	(2007).
-	chemicals, mission critical chemicals,	hazardous chemical is used, produced or	
	and economically critical chemicals.	stored, or where there is a release of a	Definition: Stationary source means any
		hazardous chemical or CERCLA	buildings, structures, equipment,
	Definition: "Chemical Facility or	substance. 40 C.F.R. § 355.40 (2007)	installations, or substance emitting
	facility shall mean any establishment	(noting exceptions).	stationary activities which belong to the
	that possesses or plans to possess, at		same industrial group, which are located
	any relevant point in time, a quantity	Definition: Facility means all buildings,	on one or more contiguous properties,
	of a chemical substance determined by	equipment, structure, and other stationary	which are under the control of the same
	the Secretary to be potentially	items that are located on a single site or	person (or persons under common
	dangerous or that meets other risk-	on contiguous or adjacent sites and which	control), and from which an accidental
	related criteria identified by the	are owned or operated by the same person	release may occur. The term stationary
	Department. As used herein, the term	(or by any person which controls, is	source does not apply to transportation,
	chemical facility or facility shall also	controlled by, or under common control	including storage incident to
	refer to the owner or operator of the	with, such person). Facility shall include	transportation, of any regulated substance
	chemical facility. Where multiple	manmade structures in which chemicals	or any other extremely hazardous
	owners and/or operators function	are purposefully placed or removed	substance under the provisions of this
	within a common infrastructure or	through human means such that it	part. A stationary source includes
	within a single fenced area, the	functions as a containment structure for	transportation containers used for storage
	Assistant Secretary may determine	human use. For purposes of emergency	not incident to transportation and
	that such owners and/or operators	release notification, the term includes	transportation containers connected to
	constitute a single chemical facility or	motor vehicles, rolling stock, and aircraft.	equipment at a stationary source for
	multiple chemical facilities depending	40 C.F.R. § 355.20 (2007).	loading or unloading. Transportation
	on the circumstances." 6 C.F.R. §	•	includes, but is not limited to,
	27.105 (2007) (emphasis added).		transportation subject to oversight or

RMP (Clean Air Act)																																MATERIAL PROPERTY AND ADMINISTRATION AND ADMINISTRA
EPCRA (SARA Title III)	1%), shall be multiplied by the mass (in	pounds) in the vessel to determine the	actual quantity of extremely hazardous	substance therein.		(2)(i) Extremely hazardous substances	that are solids are subject to either of two	threshold planning quantities as shown on	Appendices A and B (i.e., 500/611,000	pounds). The lower quantity applies only	if the solid exists in powdered form and	has a particle size less than 100 microns;	or is handled in solution or in molten	form; or meets the criteria for a National	Fire Protection Association (NFPA)	rating of 2, 3 or 4 for reactivity. If the	solid does not meet any of these criteria,	it is subject to the upper (10,000 pound)	threshold planning quantity as shown in	Appendices A and B.		(ii) The 100 micron level may be	determined by multiplying the weight	percent of solid with a particle size less	than 100 microns in a particular container	by the quantity of solid in the container.	(iii) The amount of solid in solution may	(iii) IIIC amount of some in sometimes	be determined by multiplying the weight	percent of solid in the solution in a	particular container by the quantity of	solution in the container.
 Department of Homeland Security	concern		See Top Screen Manual, available at	http://www.dhs.gov/xlibrary/assets/ch	emsec_csattopscreenusersmanual.pdf.	The Manual is currently offline and	being updated.	•	The screening threshold quantity	(STQ) for each chemical is assigned	by the security issue associated with	the chemical. There are four main	security issues: (1) release (including	toxic, flammable, and explosive); theft	and diversion (including chemical	weapons and chemical weapon	precursors, weapons of mass effect,	and explosives and improvised	explosive device precursors); (3)	sabotage and contamination; and (4)	critical to government mission and	national economy. Section 27.105.	Chemicals of interest are calculated	according to their security issue	category. See Section 27.203 and	below.	In coloniation whather a facility	III calculating wiletici a lavinty	possesses a chemical of interest that	meets the STQ for any security issue,	the facility need not include any	chemical of interest: (1) used as a

(iv) The must be whether quantity See 40 (See 40 (Control of the control of the c	I) RMP (Clean Air Act)	en form ning		
Department of Homeland Security structural component; (2) used as products for routine janitorial maintenance; (3) contained in food, drugs, cosmetics, or other personal items used by employees; (4) in process water or non-contract cooling water as drawn from environment or municipal sources; (5) in air either as compressed air or as part of combustion; (6) contained in articles, as defined in 40 CFR § 68.3; (7) in solid waste regulated under RCRA; (8) in naturally occurring hydrocarbon mixtures prior to entry of the mixture into a natural gas processing plant or a petroleum refining process unit.  Section 27.203(a).  A facility must include chemicals with a release-chemical designation toward the STQ found in: (i) a vessel, underground storage facility, or magazine; (ii) transportation containers; (iii) process intermediates, by-products, incidental materials; (iv) natural gas or liquefied natural gas stored in peak shaving facilities, and (v) fuel stored in aboveground tank farms. Section 27.203(b)(1).  A facility need not include release-	EPCRA (SARA Title III)	(iv) The amount of solid in molt must be multiplied by 0.3 to det whether the lower threshold plan quantity is met.  See 40 C.F.R. § 355.40 (2007).		
	Department of Homeland Security	structural component; (2) used as products for routine janitorial maintenance; (3) contained in food, drugs, cosmetics, or other personal items used by employees; (4) in process water or non-contract cooling water as drawn from environment or municipal sources; (5) in air either as compressed air or as part of combustion; (6) contained in articles, as defined in 40 CFR § 68.3; (7) in solid waste regulated under RCRA; (8) in naturally occurring hydrocarbon mixtures prior to entry of the mixture into a natural gas processing plant or a petroleum refining process unit. Section 27.203(a).  A facility must include chemicals with a release-chemical designation toward the STQ found in: (i) a vessel, underground storage facility, or magazine; (ii) transportation containers; (iii) process intermediates, by-products, incidental materials; (iv) manual gas or lignefied natural gas	stored in peak shaving facilities; and (v) fuel stored in aboveground tank farms. Section 27.203(b)(1).	A facility need not include release- chemicals that a facility manufactures

Department of Homeland Security processes or uses in a laboratory unless the use/process is pilot plant
A facility also need not include propane in tanks of 10,000 pounds or less. Section 27.203(b)(3).
A facility must only include chemicals with a theft/diversion chemical designation toward the STQ found in transportation packaging. Section 27.203(c).
A facility meets the STQ for a chemical with a sabotage/contamination designation if the facility ships the chemical and is required to placard the shipment pursuant to subpart F of 49 CFR Part 172. Section 27.203(d).
dix A
Mixture is defined as a heterogeneous association of substances where the
various individual substances retain their identities and can usually be separated by
mechanical means. Includes solutions or compounds but does not include alloys or amalgams. 40 C.F.R. 355.20 (2007).

Denoutment of Homeland Security	FPCRA (SARA Title III)	RMP (Clean Air Act)
mixture unless the facility can		exemptions/calculations apply:
demonstrate that the partial pressure of		
the regulated substance is less than 10		Toxic Substances
mm Hg.	§ 312 with respect to a hazardous	To determine whether a mixture that is in
	chemical which is a mixture by doing one	a process meets the threshold quantity,
A facility must count the entire	of the following:	the EPA divides toxic substances into two
amount of a mixture containing a	(A) Submitting a material safety data	categories. First, the Act, as well as
release-flammable chemical of interest	sheet for, or identifying on a list, each	guidance on the Act, lists certain
at a concentration equal to or greater	element or compound in the mixture	chemicals in solutions or mixtures for
than 1% by weight of a mixture	which is a hazardous chemical. If more	which a specific cut-off is stated.
having a NFPA flammability hazard	than one mixture has the same element or	Quantities of Hazardous Substances
rating of 4.	compound, only one material safety data	below that amount need not be used in the
0	sheet, or one listing, of the element or	threshold quantity calculation. Second,
A facility must count the total quantity	compound is necessary.	any other regulated toxic substances that
of all commercial grades of release-	(B) Submitting a material safety data	are part of solutions or mixtures must
explosive chemicals of interest toward	sheet for, or identifying on a list, the	meet the one-percent de-minimis
the STO unless a specific minimum	mixture itself.	requirement unless the facility can show
concentration is assigned, in which		that the partial pressure of the substance
case the facility must count the total		in the solution or mixture is less than 10
mantity of all commercial grades of		mm Hg. In that case, the substance
the chemical at the specified minimum		should not be included in the threshold
concentration		calculation.
A facility must count toward the STQ		See List of Regulated Substances and
the entire amount of a mixture		Thresholds for Accidental Release
containing a non-CUM 100g		Prevention; Requirements for Petitions
theft/diversion-CWC/CWP chemical		Under Section 112(r) of the Clean Air
of interest present in a mixture at or		Act, 25 available at
above the minimum concentration		http://daq.state.nc.us/112r/files/40cfr68(9
amount listed.		&68) 01141994.pdf.
CODO THE RESERVE OF THE PROPERTY OF THE PROPER		Flammable Substances
A facility must count toward the STQ		X Idminator Sabstances

RMP (Clean Air Act)	A mixture should only be considered as meeting the threshold if it meets the	criteria for an NFPA flammability rating of 4; boiling point and flash point shall be	defined and determined in accordance	With NFFA 30, Flammable and Combustible Liquids Code, National Fire	Protection Association. <u>See</u> 49 C.F.R. 68 115(b)(2).			,					If a facility uses chemicals in a process,	and the amount of chemicals used is	equal to or higher than the threshold	should be prepared.			The owner or operator of a stationary	source with processes subject to Program	2 or Program 3 shall develop a	management system to oversee the	implementation of the KMF elements. 40
EPCRA (SARA Title III)													Reporting:	EPCRA has several different reporting	mechanisms within its provisions:	(1) Pursuant to § 302, facilities with a	regulated chemical in excess of the	threshold quantity, a one-time notification	to the SERC that the facility is subject to	EPCRA. Thereafter, Generally, any	facility that has any of the EHS listed	chemicals at or above its threshold	planning quantity must notify the SERC
Department of Homeland Security	the entire amount of a mixture	chemical of interest present at or		A facility must count the total quantity of all commercial grades of a	theft/diversion-EXP/IEDP chemical of	specific minimum concentration is	assigned, in which case the facility must count the total quantity of all	commercial grades of the chemical at	the specified illiminal concernation.	A facility must count toward the STQ	the total quantity of all commercial grades of a sabotage/contamination	chemical of interest.	A TANKS AND THE PROPERTY OF TH		Each regulated facility must create a	"site security plan" that addresses any identified risk factors present. 6	C.F.R. § 27.225. The plan should	meet each of the risk based	performance standards identified in 6	C.F.R. 27.230 (2007).		Additionally, each regulated facility	must engage in, and submit records
															Emeroency	Planning/	Reporting						

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	Department of Homeland Security	EPCKA (SAKA 11005 III)	MVIF (CIGALL ALL AND)
	of: training; drills and exercises;	and LEPC within 60 days after they first	C.F.R. § 68.15 (2007); Management
	incidents and breaches of security;	receive a shipment or produce the	System Guidance, available at
	maintenance, calibration and testing of	substance on site. EPCRA § 302 (2)(c).	http://yosemite1.epa.gov/oswer/ceppoweb
	security equipment; security threats;		.nsf/vwResourcesByFilename/Chap-05-
	audits; and letters of authorization and	(2) Pursuant to § 304, a notification each	final.pdf/\$File/Chap-05-final.pdf.
	approval. Additionally, any Top-	time a release occurs. Releases requiring	
***	Screens, Security Vulnerability	notification under § 304(b) include	
	assessments, Site Security Plans, and	substances regulated under CERLCA;	For guidance on preparing an RMP, see
	correspondence with the Department	substances not regulated by CERCLA if	Risk Management Program Guidance,
	for the last six years must be recorded.	is not a federally permitted release as	available at
	6 C.F.R. 27.255 (2007).	defined in section 101(10) of CERCLA,	http://yosemitel.epa.gov/oswer/ceppoweb
	`	if the release is in an amount in excess of	.nsf/vwResourcesByFilename/Chap-09-
		a quantity which the Administrator has	final.pdf/\$File/Chap-09-final.pdf.
		determined (by regulation) requires	
	•	notice, and occurs in a manner which	Elements:
		would require notification under section	The RMP shall contain an executive
		103(a) of CERCLA; and for some	summary which includes: the accidental
		substances that are not regulated by	release prevention and emergency
		EPCRA § 301, but are regulated by	response policies at the stationary source;
		CERCLA § 102-3.	the stationary source and regulated
			substances handled; the general
		Notification should include the following	accidental release prevention program
		information: The chemical name; an	and chemical-specific prevention steps;
		indication of whether the substance is	the five-year accident history; the
		extremely hazardous; an estimate of the	emergency response program; and
		quantity released into the environment;	planned changes to improve safety.
		the time and duration of the release;	See 40 C.F.R. § 68.155 (2007).
		whether the release occurred into air,	
		water, and/or land; any known or	The RMP shall contain a registration
		anticipated acute or chronic health risks	document, prepared according to 40
		associated with the emergency, and where	C.F.R. § 68.160 (2007).
	1000	necessary advice regarding medical	

 Department of Homeland Security	EPCRA (SARA Title III)	RMP (Clean Air Act)
	attention for exposed individuals; proper	The RMO shall contain an Offsite
	precautions, such as evacuation or	Consequence Analysis ("OCA") (also
	sheltering inplace; and, name and	referred to as RMP Comp) for each
	telephone number of contact person. See	Program 1 process, and for Program 2
		and 3 processes, one OCA to represent all
r	notice should be sent as soon as possible.	regulated flammable substances held
	EPCRA § 304 (c).	above the threshold quantities. In
		addition, the RMP should include one
	Sections 311-12 deal with facilities that	alternative release scenario for each toxic
	are regulated by Occupational Safety and	substance regulated by Program 2 and 3,
	Health Act's ("OSHA") Hazard	and one alternative release scenario for
	Communication Standard. OSHA	each regulated flammable substance in
	requires that employers keep material	Program 2 and 3 processes. Each OCA
	safety data sheets ("MSDS") for	has two parts: the worst case scenario,
	approximately 500,000 chemicals.	and an alternative scenario.
	Generally, the minimum threshold levels	
	for reporting hazardous chemical this	The following data shall be included in
	section is 10,000 pounds, with a lower	the OCA: chemical name; percentage
	threshold for extremely hazardous	weight of the chemical in a liquid mixture
	chemicals. Gasoline and diesel fuel are	(toxics only); physical state (toxics only);
	exempt.	basis of results (give model name if
	1	used); scenario (explosion, fire, toxic gas
	Section 311 requires that employers who	release, or liquid spill and evaporation);
	have MSDS chemicals above certain	quantity released in pounds;
	levels at their facilities submit either	release rate; release duration; wind speed
	copies of their MSDS, or a list of their	and atmospheric stability class (toxics
	MSDSs to SERC, LEPC, and the local	only); topography (toxics only); distance
	fire department. A list of MSDS	to endpoint; public and environmental
	chemicals must include:	receptors within the distance; passive
	immediate/delayed health hazards, fire	mitigation considered; and active
	hazards, sudden release of pressure	mitigation considered (alternative
	hazards, and/or reactive hazards.	releases only). See 40 C.F.R. § 68.165

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Department of Homeland Sceurity  EPCRA (SARA Title III)  Consequence Analysis, available at submit an annual emergency and hazardous chemical inventory form to the Azardous chemicals in each category. A Tier II information but to do C.F.R. § 68.175 (2007).  Report contains the same information but chemicals in each category. A Tier II information as required on the MSDS.  Although a facility may not otherwise current of Although a facility may not otherwise chemical present. § 312(e)(3)(e).
Department of Homeland Security
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NAME	CAS/3	13 Category Codes DHS 8TQ (in pounds unless otherwise noned)	Section 302 (EHS) TPQ	2 Section 304 EHS RQ	RO CERCLA RG Sec	CERCLA RG Section 313 RCRACODE CAA 112(r) TQ	CAA 112(r) TQ
Abamedin Acenephthere	ABAMECTIN AVERMECTIN 81 ACENAPHTHENE ACENAPHTHENE	71751412 333,29 93328 918328			100	515	
Acenaphtrylene Acephate		30580191 75079 Release: minimum concentration 1%, STO 10,000			1,000	313 313 U001	000,01
Acetalderyde Acetalderyde, trichlore	ACETALDEHYDE, TRICHLORG- ACETAMIDE ACETAMIDE	778776 60055			5,000 100	313	
Aceto acid		G4197			5,000	X U240	
Aceto sold, (2,4-dichlorophenoxy)* Aceto sold ethenyl exter	ACE ICACIDICAL CONTRACT PACETICACIDETHENYLESTER	108054	1,000	5,000	5,000	×	15,000
Acetic anhydride Acetone		100.247 676.41	9	ç	5,000	U002	
Acetone dyanohyddin Acetone thiosemicarbazida	ACETONE CYANOHYDRIN ACETONE THIOSEMICARBAZIDE	75835 Sabotage: minimum concentration ACC, 510 APA 1752303	1,000/10,000	1,000	5 5	one v	
Acetoninie		75058 98862			5,000 5,000	313 U004	
2-Acetylaminofluorene		S0963 50987 Sabatace: minimum concentration ACG, STO APA			5,000	313 0005	
Acetyl bromide Acetyl chloride	ACETYLCHLORIDE	76365 Subotage: minimum concentration ACG, STQ APA			2,000	1000	
Acety ledice		74552 Sebotaga: minimum concentration 1%, STO 10,000 744552 Release: minimum concentration 1%, STO 10,000				;	10,000
Acetylphosphoramidothiola acid O,S-dimethyl ester	ACETYLPHOSPHORAMIDOTHIOICACIDDIMETHYL ESTER	30380191 541082			1,000	× P002	
7-Activorier, sodium salt		62476509	60			313 313 Pon3	5,000
Acrolein Acrolemide		Turkida Katababe, minimum concentration 178, 5 to 5,000	1,000/10,000	5,000	5,000	313 U007	
Acryto acid		79107 107131 Release: minimum concentration 1%, STG 10,000	10,000	100	000	313 UDD8	20,000
Acryline Acryly chlorido		814686 Release: minimum concentration 1%, STQ 10,000		6	8		9,000
Adixo acid Adixonnile	ADIPIC ACID -ADIPONITRILE	124049 111893	1,000	1,000	and a	;	
Alachior		159726D8 1160S3	100/10/000	-	-	313 9070	
Adicart sultane	BSULFONE	1646864	SOUNDERFORM		8-	9203 313^ P004	
Aldrin d-trans-Allethrin		2805748B	and a second	. !	. ;	313	400
Allyt alcohol	ALLYLALCOHOL	107186 Release: minimum concentration 1%, STO 15,000 107119 Release: minimum concentration 1%, STO 10,000	500	50 50 50 50 50 50 50 50 50 50 50 50 50 5	901	313 PU05	10,000
Augustnine Allyl chloride	Application of the state of the	197051			1,000	313	
Alumbran (fame or dust)		7420905 Theft minimum concentration ACQ; STQ 100				313	
	BROMIDE, ANHYDROUS CHLORIDE, ANHYDROUS	7727153 Sabotage; minimum concentration ACG, STQ APA 7446700 Sabotage; minimum concentration ACG, STQ APA					
Aluminum oxide (fibrous forms)		1344281	400	Ş	Ų,	313 313 P006	
Atminum phosphide Aluminum sulfate		ZOSCIAZZO SEBOGIDE: minimum condemparant Acid, or d. Arr. 10043013	3	3	5,000	200	
Ametrya 2 Ametropological property		834128				93	
z-wirkinokra weguirore 4-Aminokzobenzene	SAL	69093				313	
4-Aminoblyheay!		82280			-	329	
5-(Aminomethyl)-3-isoxazolol	SOXAZOLOL	2763984	500/10,000	,000 500	1,000	P007	
Aminoptoin 4-Aminopyidina		504245	500/10/000	000	1,000	PDO9	
Amiton	AMITON OXALATE	78535	100/10/00	35			
Amitraz		33089611			ş	313	
Amittole		518.25 766.4417	2005	8	8	343	;
Ammonia (anhydrous)	. 6	7664417 Release: minimum concentration 1%; STQ 10,000 7684417 Release: minimum concentration 20%; STQ 20,000	88	8	0001	××	20,000
Ammonia (cons.zum.or greater) Ammonium acetate	ACETATE	831618			000		
Ammonium benzoate Ammonium bitarbonate		1863024 1066337			9,000	;	
Ammonium Mehromate		7789085 1341487			<del>5</del>	3	
Ammonium billuonde Ammonium bisutitte		10162300			5,000		
Ammonlum carbamate Ammonlum carbonate		111/102 506878			5,000		
Ammonium chloride	AMMONIUMOHLORIDE	12125029 7788869			5,000 00 00	3130	
Anmonium chromate Ammonium chrate, dibasic		3012855			5,000		
Ammonlum fluoborate		13826630 1282125018			100		
Ammonian hydroxide	(%)Y	1336216 6484522 Release: minimum concentration ACO: STO 5,000, The	£		1,000	313	
Ananoroum mones		minimum concentration ACC; STQ 400					
Ammonium nitrate, solid Ammonium oxalate	DNC, 28%-34%)	6484522 Their minimain concentration 55%, 51 to 2000 5072736			2,000		
Ammonium oxalate Ammonium oxalate	AMMONIUMOXALATE AMMONIUMOXALATE	6006/107 14258492			2,000		
	MTE	7790869 Release: minimum conceptration ACG; STO 5,000, Theft: minimum concentration ACG; STO 400	ŧ				
Ammonium planate	AAMONIUMPICRATE	131748 Release: minimum concentration ACG; STQ 5,000. The	ŧ		9	Popp	

EHS RG CERCLA RG :	1,000 5,000 1,000 6,000 8,000 8,000	5,000 1,000 5,000 5,000 5,000	25,000 20,000 20,000 20,000 20,000	001 1,000 1,000 1,000 1,000	8		- 85	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Section 302 (EKS) TPG Section 304 EHS RG		000,1	5,000	900	1000 001	** ***	<u>8</u> 8 1 1 1	8,000 80 10 10 10 10 10 10 10 10 10 10 10 10 10
Section 302 (EK		000,1	0001	900	1,000/10,000 600/10,000	100/10,000 100/10,000 100/10,000 ift 500	100 100/10,000 10410,000 500 10,000	000 0000 (101)
CAS( 313 Category Codes DMS 3TQ (in pounds unless otherwise noted)	20222	1702554 7002565 500620 500620 502802 62300 62510 70722 Subbangs: mininim contentration ACO, STO, APA	101088 82528 82528 80004 104649 124022 125027 746009 100000	704.104 7753702 Sabolago: minimum concentration ACG, STO APA 72503745 7770619 7770614 1308044	100 100 100 100 100 100 100 100 100 100	1900082 1907503 1900082 192703 778494 Robease, minimum concentration 1%, STQ 15,000, The minimum concentration 30%, STQ 12,000, The	1502274 1502274 1502274 151224 402608 402608 227307 150342 15036 227307 224716 15036 227407 160320 170320 744038 744038 744038 744038 744038 744038 744038 744038	NAMP  0  0  202022  2202122  220212  220212  220212  220213  220212  220213  2
S 250 X SUMMEN	36	AMMONUMENTRATIONAL AMMONUMENTIONALITE AMMONUMENTIONALITE AMMONUMENTIONALITE AMMONUMENTIE AMMONUM	AND	ANTIMONYPERTACHLOSIDE ANTIMONYPERTACHLOSIDE ANTIMONYPERTACHLOSIDE ANTIMONYPERTACHLOSIDE ANTIMONYPERTACHLOSIDE ANTIMONYPERTACHLOSIDE ANTIMONYPERTACHLOSIDE ANTIMONYPERTACHROSIDE	AWTINCON A AWTINCON A AWOOLOR 120 AWOOLOR 122 AWOOLOR 124 AWOOLOR 124	ARBENDO ROLLINE ARBENDO ROLLINE ARBENDO TRIONIDE ARBENDO TRIONIDE ARBENDOS OXIDE ARBENDOS OXIDE ARBENDOS TRICHLORIDE	ARSINE ARBEITOS ATRADME ATRADME ATRADME ATRADME ATRADME AZASENDE AZASENDE AZASENDE AZBINA AZBINACARBOTHOCACIDHEXAHORO-S-ETHYL ESTER AZBINACARBOTHOCACIDHEXAHORO-S-ETHYL AZBINDOS-ETHYL AZBINDOS-ETHYL AZBINDOS-ETHYL BARBAN BARBAN BARBAN BARBAN BARBAN BARBAN BARBAN	BASKINK COMPOUNDS EXCEPTION  DARRINK COMPOUNDS EXCEPTION  BASKINK COMPOUNDS EXCEPTION  BASKINK COMPOUNDS EXCEPTION  BASKINK COMPOUNDS  BENTONCARRENEON  BENTONC
9	nium sulcontuorido nium sulfamate mum sulfamate num sultta	o sales		orice Andre The control of the contr		Amenic disultide Amenic protraxide Amenic tribulde America tribulde Americae code Americae code Americae code	Aniche Asperber (male) Asperbe Asperber (male) Asperber I carbothiole sold, hexaltydre-S-eshyl ester Ashiptere-Tild Asperber Ashiptere-Tild Asperber Ashiptere-Tild Asperber Ashiptere-Tild Ashipter-Tild	Barlum Compounds  Exercise The Subse (under 31:3)  Exercise The Subse (under 31:3)  Exercise The Subse (under 31:3)  Berson operation  Ber

313 313 P010 313 P010 313 P011 3136 P011 3136 P012

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313c P119

2	NAMEINDEX CAS/31	CAS/313 Category Codes DHS STQ (in pounds unless otherwise noted)	Section 302 (EHS) TP	Section 302 (EHS) TPQ Section 304 EHS RQ CERCLA RQ Section 313 RCRACODE CAA 112 (1) TQ	O CERCLA RO Sec	tion 313 RCRACODE	CAA 112( r.) TQ
	CHLORONITROPHENOXY)-	1630755	200	8	ã	«×	10,000
	BENZENEDESOCYANATOMETHYLA BENZENEDESOCYANATOMETHYLA	91083c	9	9	8	×	10,000
Benzene, 1,3-disocyanato-refigury:- Senzene, 1,3-disocyanato-refiriy:-	BENZENEDIISOCYANATOMETHYLC	28471625			90	eszn×	and a
Benzens, m-dimethyl-	Benzene, m-dimethyl-	100000 000000			1,000	× 0236	
Benzene, o-dimethyl-	BEZZENEDIMETHYCHO	108423			8	9320 X	
Benzene, p-dimethyr	SENZENEETHANAMINE, ALPAH, ALPHA-DIMETHYL+	122098			9	×	
Renzenematheoni, 4-Chloro-alpha, 4-Chlorophenyl)-alpha,-(	TO BENZENEMETHANOLCHLORO-ALPHA4-CHLOROPHENYL,	115322			5	0201	
Benzenesulfonyl chlonde	BENZENESULFONYL CHLORIDE	102025	200	8	9	P014	
Benzenethiol	BENZENETRICAL OROETHYLIDENEIBIS (4-METHOXY-	72435			- •	X U247	
Benzene, 1,1-4,2,2,4-fremporensyloene,bas (***) teams/-	BENZIONE	92875	CONTRACTOR	, gu	-	200	
zola, 4.5-dichloro-2-(atfluoromethyl)-	BENZIMIDAZOLE, 4,5-DICHLORO-2-(TRIFLUOROMETHYL)-	3615212	2001 201	}	-	313+4	
	SENZOFILIORANTHENE	205823			. !	313+	
	BENZOFILORANTHENES RENZOFILORANTHENES	207089			000	466	
Special Kindolandrand	BENZOICACIO	02830			18	×	
3-amino-2,5-dichloro-	BENZOICACIDAMINODICHLORO-	400007				313	
Benzolc acid, 5-(2-chloro-4-(trifluoromethy))phenoxy)-2-nitro-	», Benzogaedenbromitatoriaanyipitotakyiiiloedaooyiikaayiisaa. Senzoontalouli Opide	7,086	후	10	ę.	313 0023	
londe	STANDON TOTAL	100470			2000	343+ LIDB4	
Secretarian de la companya del companya de la compa	BENZOPENTAPHENE	189559			2,000	3134	
Berzola h. Ilberylene	BENZOPERYLENE	252161			8	313+4 LIDED	
Benzo(a)phenanthrens	BENZOPIENANTHRENE	\$1001Z			-	313+4 U022	
Benze[a]pyrane	SENZONY KENE	108514			Q:	X U18/	
p-Bonzoquinone		198077	\$	₽	2	313 000	
	BENZOYLCHLORIDE	99984			200	313	
Seczon befords	SENZOYLPEROXIDE	08046	88	901	91	313 P028	
	BENZYLCHLORIDE	, 1000 F	500	205			
	BENZYLCYANIDE	**************************************				313 P015	
	BERYLLIUM	2,772,77			•	3130	
	BERYLLIOM CHLORIDE	OSON				516	
nde		77/67497				200	
		7787555				200	
	STRYLLESSING	13597984				3 >	
Seryfillim nitrate		319946				¢	
	2 3	319857					
Sep-date Constitution of the Constitution of t	256	319868	See Oneug	200	-		
Security 2.1 heptane-2-carbonitile, 5-chloro-6-(((Inethylar	Secret 3.3.1 herbine-2-carbonitile, Sedoro-6-(((metrylamin BICYCLO[2.2.1]HEPTANE-2-CARBONITRILE, S-CHLORO-6-(	15271417	CONTACT STATE	}		313	
Breathdu	BIFENTERIN	32857043	200	ę	2	X UDBS	
2,2'-Bloomen	BIOXIRANE	1404500	ļ		100	313	
Biphanyl		ASSESSED THAT CLIM 100n					
	1,2-81S(2-CHLOROETHYLTHIO)ETHANE	ESOUS Theft COM 100a					
	ā	142888937 Theft CUM 100g					
	1.5-BISCACHLOROETHYLTHOPN-PENTANE	142868948 Theft CUM 100g			1,000	313 U024	
Ster O-chloroethoory) methens	SISCHLOROETHOXYMETHANE	11811	4000	ţ	ģ	313 U025	
Bis/2-chloroethyl) ether	BISCHLOROETHYLETHER	111444 EREGES THAT FILM 1005	a de la composito de la compos	!			
Bla(2-ahloroethyl)sulfide	BISCHLOROETHYLSULFIDE	SOCIAL TOTAL CONTRACTOR				1	
Bls(2-chloroethytthlo)methand	BICHLOROETHYLTHIOMETHANE	542881	8	5	9	313 P016	1,000
Bis(chloromethyl) other	SISCHLONOME: HYLE I MOR	108601			90	313 002/	
Bis(2-chloro-1-nethylothyl)other		534078	10/10/00	5			
Bis(chloromethyt) Ketone	BISCHLOROETHYLTHOETHYLETHER	63919696 Theft CUM 100g	,				
Dist. 2-chicket spiritoen in the chicket in the chi	SISCHLOROETHYLTHIOMETHYLETHER	63916901 Thatt CUM 100g					
Bis (2-chloroviny) chlorosmino	BISCHLOROWNYLCHLOROARSINE	41554556 (1501) COM 100g			ş	820U X	
Bis(2-ethylhaxy/)phthalate	BISETHYLHEXYLPHTHALATE	7287198				×	
N,N8la(1-metryletryl)-6-metrylthlo-1,3,5-triazina-2,4-diar	PROBLEM FOR THE TENED TO THE PROPERTY OF THE P	38681722				55.	
1,3785(methylisopyanale)cyclonexane	BISMETHYLISDCYANATECYCLOHEXANE	10347543				313	
Blackfib rivitin) oxide	BISTRIBUTYLTIN) OXIDE	95035	500/10/000	200			
Bitoscanate	BITOSCANATE	AUSTOCO L	200	200		×	5,000
Borane, trichloro-	BORANETRICHLORO	2707637	200	88		×	9,000
Borano, trifluoro-	BORANEIRICOORG	10294334 Theft minimum concentration 12.87%, STG 45. Sabolage	ge:				
Boron tribromide		minimum concentration ACG; STO APA	95	88		313	8,000
Baron trichlands	BORON TRICHLORIDE	10294345 Release: minimum concentration 178, 514 5,000. (199), minimum concentration 84,70%, STO 45		•		(	1
	BORON TRIFLUORIDE	7637072 Release; minimum concentration 1%, STQ 5,000. Theft	200	903		242	000%
Boron Briughilde		minimum concentration 26.87%, 810. 45		1,000			15,000
Spron trifluoride compound with methyl ether (1:1)	BORON TRIFLUORIDE COMPOUND WITH METHYL ETHER (	355424 Release: minimum concentration 1%, STO 15,000	90	000,1			15,000
Boron, trifluoro(oxybis/methano])-, (T-4)-	BORONTRIFLEONOIOXYBISIMETHANELY, (1-4)*	314408				3 3	
Bromacil (this im soft	BROMACIL LITHIUM SALT	53404198		90		3	
Sromadlolone	BROMADIOLONE	28172557 7729956 Referent minimum concentration 1%, STQ 10,000	200	8		313	10,000
Browns		138603417 Theft minimum concentration 8,67%, STQ 45					
	BROMINE PENTAFLUORIDE	7789302 Sabotago; minimum contentration ACG, STQ APA					
	BROMINE TRIFLUORIDE	Theft minimum concentration AC			;		
	BROMOACETONE	598312			1,000	313	
Bromoncetone	BROMOBROMOMETHYLY, 3-PROPANEDICARBONITRILE	35891657				3	

NAME		CAS/313 Category Codes DHS STQ (In pounds unless otherwise noted)	Section 302 (EHS) TPG Section 304 EHS RG CERCLA KG	Section 304 EH		Section 313 REMACOUS CAN 124 (1) 14	כאש וזקני זים	1
Bromochlorodiflucromethere  Bromochlorodiflucromethere	SROMOCHLORODIFLUOROMETHANE RECUSSION CROMMETHAN DECEMBER BUCKBUCKOTHIO	3230833 44108087				×		
O.(4-Brame-2-chloropheny)-C-emy-c-propysprosproculous	BROWDFORM	75252	1.		8	343 U225		
qua	BROMOMETHANE	74639	1,000	J. 100.	en l	200 X		
5-Bromo-6-methyl-3-(1-methylpropyl)-2,4-(1H,3H)-pyrtmldined	SROMOMETHYLMETHYL PROPYLPYRIMIDINED!	374409			5	noao		
4-Bromopheryl phanyl ether	BROMOPHENYL PRENYL CIPACK BROMOPHENYL PRENYL CIPACK	598732 Release; minimum concentration 1%, STO 10,000					10,000	
Bromotifucomethan	BROMOTRIFLUOROMETHANE	75638				9 6		
Bramaxyrvi	BROMOXYNIL	1686848				313		
nij octanoste	BEORDAYNIC OCTANOSTE BELGINE	357573			ê.	313 P018	*******	
1.3-Butadene	BUTADIENE	106900 Release: minimum concentration 1%, STQ 10,000			5 5	210	10,000	
1,3-Sutadiana, 2-methyl-	BUTADIENEMETHYL	78/35 108978 Release: minimum concentration 1%, STO 10,000					000'01	
Bulane Rulane 2-methyl	BUTANEMETHYL-	78784		Ç	Ş	XIDS	20,000	
2-Butenal	BUTENAL	4170303 123739	8	8 8	8	CSON	20,000	
2-Butenal, (e)-		25167673 Release: minimum concentration 1%, STO 10,000					0000	
1-8utone	BUTENET	108989 Referent minimum concentration 1%, STQ 10,000					10,000	
2-Butene		590181 Release; minimum concentration 194, STG 10,000			,	1	10,000	
2-Butene-ols 2-Butene 1 4-dichloro-	BUTENEDICHLORO-	764410			•	X 00/4	16.000	
2-Butane, (E)	BUTENEE FINE TO THE PROPERTY OF THE PROPERTY O	624646 Release: minimum concentration 1%, 5 ft. 10,000 624646					10,000	
2-Butene-trans	BUTTINVE	689074			-		10,000	
hyl ester	BUTOXYETHYL ESTER-2,4-D	1929733			2009	2		
	BUTYLACETATE	110180			2,000			
	BUTYLACETATES	105464			2000			
tert-Bury apetate	BUTYLACETATE-T	540885			onnic	313		
Butyl actylate	BUTACARALATE	71383			000'9	313 U031		
n-Butyl alcohol-	BUTYLALCOHOLB	78922				313		
terf-Butyl alcohol	BUTYLALCOHOLC	75650			1.000	2		
Butylamine	BUTYLAMINE	78819			00,			
bo-Sutylamine	BUTYLAMINES	513486			96,5			
secretary and the secretary an	BUTYLAMINES	13052846			0001			
tert-Butylamine	BUTYLAMNE-T	/5549 85687			5			
Butyl benzyl phthalate	BUTYLCHLOROPHENYLTRIAZOLE-4-P	0691/288			400	×ŗ		
2-Butylene oxide	BUTYLENEOXIDE	106867			3	×		
Butylettylparbamothlold acid S-propy) ester	BUTYLCARBAMOTHIOLOGIC SCHOOL/SCHOOL SCHOOL S	1861401			\$	×		
N-Buty-IN-ediy-Z-G-Grado-4-4 dial-brondery), oet zenaniste r-Buty obthelete	BUTYLPHTHALATE	84742			ç	X ODGS		
	BUTYLTRICHLOROSILANE	75218D4 Subotings: minimum concentration Aud, 5 tu Arxi 157006				;	10,000	
1-Butyne Buryaldebyde	BUTYRALDEHYDE	123728			Sono	313		
Butyric acid	BUTYRIC ACID	107928			200'5			
iso-Butyric acid	BUTYRIC ACIDISO CACODYLIC ACID	75605			- 5	143		
Cadmitm	CADMIUM	7440439			2 5	3130		
Cadmium acetate	CADMIUM ACETATE	7789428			2	3130		
Cadmium promise Cadmium chlodde	CADMIUM CHLORIDE	10108642			₽ {	313		
Cadmum Compounds	CADMIUM COMPOUNDS	13381B0		8		3130		
Cadmium oxide	CADMIUM STEARATE	2222830	1,000/10,000	00,		3130		
Calcum anomato	CALCIUMARSENATE	7778441		-		38.5		
Cakelum arsenite	CALCIUMARSENITE CALCIUMCARRIDE	70507			ę ;	Cool I serve		
Cafalum chromate	CALCIUMCHROMATE	13765180	-		000,1	313		
Calcium cyanomida	CALCIUMCYANDE	592018			5	313c P021		
Calculating and an analysis of the control of the c	CALCIUMDITHIONITE	15512364 Sabotage: minimum concentration ACG, STQ APA			1,000			
Calcium dodacylbenzenesulfonate	CALCIUMDODECYLBENZENESULFONATE CALCIUMHYDROSULFATE	7306983 Sabotaga: minimum concentration ACG, STO APA			÷			
Calaium hypochloritis	CALCIUMHYPOCHLORITE	7778543 1305993 Sabotace: minimum concentration ACG, STQ APA			2			
Camphochlor	CALCIOMENDOS	8001352	500,010,000		, č	×× 2 2 2 2 2 2		
Camphene, octachloro-	CAMPHENE, OCTACHLORO-	250 HOUR -		5	-	: ;		
Cartbardin Captan	CAPTAN	133062		200	5	919		
Carbachol chloride	CARBACHOL CHLORIDE CARBAMIC ACIDDIETHYLTHOCHLOROBENZYL)	28248776		1	407	× × ×		
Carbamic acid, debrylane, c-production, yr.	CARBANIC ACIDETHYL ESTER	51796 28410738	100/10/000	5	3 5	P185		
Carbanic acid, metryk., O-((2,4-cimetryk-1,9-cithiclar-2-y). Carbamotifician acid. 1.2-ethenediyble., mendanese comp	)// CARBAMIC ACIDMETHYL, C-{((2,4-0)/ME   HTL-1, 3-0)    Isacarbamodithioicacidethanediylbis-, manganese co	12427382				××		
Carbamodithiolo acid, 1,2-ethanedytblas, zho complex Carbamothiolo acid, bwd-methylethyly-5-(2,3-dichloro-2-or	Carbamouthiolo and 1,2-ethanedyble, zine complex Carbamouthiolic Acid, 68(1-METHYLESTAYL)S-(23-DIGHL Carbamonthiolo and NAT-methylephyl)S-(23-DIGHL Carbamonthiolo and	12122877 2303164			85	X UDG2		
Carbumothiolc acid, dipropyl, S-(phonytmethyl) exter	CARBAMOTHIDICACIDDIPROPYL-, S-(PHENYLMETHYL) ES CARBARYL	52898808 63252			8,8	313 UZ79		
Carbendazim	CARBENDAZIM CARBENDAZIM	10605217 1563682	10/10/000	đ	2 9 :	313 P127		
Carboturan Carboturan phenol	CARBOFURANIPHENOL,	1500068			ę.	ò		

NAME	NAMEINDEX  CAS(11) Cutegory Codes 77315	egory Codes DHS STQ (In pounds unless otherwise noted) 75350 Release minimum concentration 1%, STO 20 000	Section 302 (EHS) TPG 10 DDD	20 Section 304 EMS RQ		100 313 P022 20,000	20,000
Carbonic diffuonde	CARBONIC DIFLUORIDE	333504	ş	Ş	60°, è	2000	, Long
	CARBONICD/CHLORIDE CARBONICHI ORIDICACIDMETHYLESTER	79021	200	000,1	000'1	2 ×	5,000
	CARBONOCHLORIDICACIDMETHYLETHYL ESTER	108236	1,000	000,1			15,000
Carbonachloridic acid, propyleater	CARBONOCHLORIDICACIDPROPYLESTER CARBONOXIDESLUFIDE	106015 483581 Rejease: minimum concentration 1%, STQ 10,000	3.	3	8	×	10,000
	CARBONTETRACHLORIDE	56235			5	313 U211	
	CARBONLYFLUORIDE CARBONYLSULFIDE	463561 Their minimum concentration 56,57%, STO 500			100	313	10,000
c	CARBOPHENOTHION	786196 555285148	200	8	1,000	P180	
	CARBOXIN	5234684			5	313	
	CATECHOL GFC-11	75694			2,000	X U121	
	CFC-112	75718			5,000	x 0075 x	
0.000.14 0.000.14	0.0.0.14	76153				×	
	CFC-13	75728				×£	
	OFFICIAL	242012 133904			100	323	
Chorambon	CHLORAMBUCIL	305030			۶,	U035	
Chlordane	CHICARDANE	57749	1,000	-	-1	3134 U036	
Chlordane (1echnica) Mixture and Metaboxids) Chlorendic acid	CHLONDANE (1ECHINOSE, MIXIONE AND INCIDENCIAL EX)	115286	:			313	
	CHLORFENVINFOS	470906 soperasy	8	8		313	
	CHLORINATED BENZENES	Q			1 :		
	CHLORINATED ETHANES	0.6			ı		
Chlomated Naphthalene Chlomated Phenols	CHLORINATED NAPPLINALENE CHLORINATED PHENOLS	N084		:	i	313	4
	CHLORINE	7762505 Release: minimum concentration 1%, STQ 1,000, Theft	8	Þ	2	513	one'z
Chlorine dioxide	CHLORINEDIOXIDE	10049044 Release: minimum concentration 1%, STQ 1,000.				313	1,000
		Sabolage: minimum concentration ACQ, STQ APA					10.000
Chlodne monoxide Chlodne oxide	CHLORINEMONOALOE	7784211				;	10,000
Chlorine oxide (CIO2)	CHLORINEOXIDE (CLO2)	10049044				×	1,000
	CHLORNEPENTAFLUORIDE CHLORINETRIFLUORIDE	1363/633 Theft minimum concentration 4.07%, 5.1.0.15 7790912 Theft minimum concentration 6.97%, 5TQ 45					
Chlormephas	Chlormephos	24934919	500	200			
Chlomadust chloride	CHLORMEDUAT CHLORIDE CHLORNAPHAZINE	494031	CONTO MORE	<u>}</u>	100	azon	
Chombonazha	CHLOROACETYLCHLORIDE	79049				-	
Chloroacotaldehyde	CHLOROAGETALDEHYDE	107200 2011a	100/10:000	100	9	313	
Chloroacetic acid	CHLOROAGETICACIO	532274		!	8	313	
Chloroalkyl Ethers	CHLOROALKYL ETHERS	Q Questions			ı	313	
1-(3-Chlorosilyi)-3,5,7-tnaza-1-azoniaadamantane chioride Chlorosnillas	CHLOROALLYLTRIAZA-1-AZONIAAUAMAN IANE CHLOR CHLOROANILINE	4060313 106478			1,000	313 P024	
Chigopenaene	CHLOROBENZENE	206801			ξ 5 5	313 U037	
Chlorobertzliate 2.4.48.Chloro-2.hecznoczaniajan)oce.)zbanoczybronanoja ad	CHLOROBENZILATE ob CHLOROBENZOXAZOLYLENOXYPHENOXYPROPANOICACI	510136 66441234			?	3 2×	
2-Chloro-N-(2-chloroethy)-N-methylethanamhe	CHLOROCHLOROETHYLLY-METHYLETHANAMINE	51752 Theft CLM 100g	ç	\$	500	×	
P-Chlore-m-gosel	CHLOROCRESOL CHLOROCROTY ESTEP	50507 2871382			100	313	
Chlorodipromomethans	CHLORODIBROMOMETHANE	124481			<del>0</del>	ç	
1-Chlore-1,1-diffusioethane	CHLORODIFILOROETHANE	75683				3 8	
Chicocomponents S-Chicocomponents (114,0H)-cyclends	CHLORODIMETHYLETHYLMETHYLPYRIMIDIN	5902512			;	×	***
Chloroethane	CHLOROGITHANE	75003	900	900	3	5	300
Chloroethans) Chloroethyl chloroformats	CHLOROETHYLCHLOROFORMATE	627/12	1,000	1,000		:	
6-Chlore-Nethyl-N-(1-methylethyl)-1,3 Striazne-2,4-dlamine CHLOROETHYLMETHY	SO CHLOROETHYLMETHYLETHYLY3,5-FRIAZING-2,4-DIAMI	1912240 Septime Their Clin 190s				×	
Yether birth birth	2-CHLOROETHYLCHLOROMETHYLSULHIDE CHLOROETHYLVINYL FYHER	26.22/55 Inert Cura 10.0g			1,000	1042	
Chloroform	CHLOROFORM	67863 Release; minimum concentration 1%, STQ 20,000	10,000	ţ.	ēξ	313 U044	20,000
Chloromethans	CHLOROMETHANE	74873 74602723			3	} 2×	on'ol
Z-Cniono-N-L((4-metnoxy-2-metnyl-)-(-)-7-metnyl-grainox A-Chloro-G-(metnylamino)-2-(3-(*********************************	STATE OF THE STATE	27314132	ţ	;	Ş	× 2	
Chloromothyl other	Chloromothyl other	542861 Release: minimum concentration 1%, 5 LG 1,5UC 51630584	8	Ģ	ġ.	2 2 2	000.
4-Chioro-alpha, 1-methylethyl benzeneadeuc acid cyanol. 2-Chioro-M-1-methylethyl h-bhonylacetaraide	CHLOROMETHYLETHYLPHENYLAGETAMIDE	1918167			:	×	,
Chloromethyl methyl ether	CHLOROMETHYLMETHYLETHER CHLOROMETHYLMETHYLETHER CHLOROMETHYLOHENOXYACETATESODIUMSALT	107302 Release: minimum concentration 1%, STQ 5,000 3853483	8	P	2	31.3 U046 X	none
(44_nipro-2-metrylphenoxy) acetto actum sem (44_hipro-2-metrylphenoxy) acetto acid	CHLOROMETHYLPHENOXYACETICACID	94748				×	
3-Chlaro-2-methyl-1-propena	CHLOROMETHYLPROPENE	563473			900	313 UD47	
Z-Chloropagnoratene Chloropagnore	CHLOROPHACINONE	3691358	100/10/001	ž			
2-Chlorophenol	CHLOROPHENOL	95578 NOSA			2 1	313 0048	
Cristophenous 144-Chlomochenoxy13.3-dimetryL1,4,1+1,2,4-triazol-1-4)-2	2-b CHLOROPHENOXYDIMETHYLTRIAZOLYL	4312(433				×	
acha. (2-Choropheny), alpha, 4-chloropheny), 6-pyrmidinar CHLOROPHENYLCHLOROPHENYLPYRIMIDIN	ner CHLOROPHENYLCHLOROPHENYLPYRIMIDIN	6016889 104121	•			× č	
p-Chloropheryl isocyanate 4-Chloropheryl phenyl other	CHLOROPHENY LEGGY YANN IE CHI OROPHENY LPHENY LETHER	7005723			5,000		

313 313 P027	10,000 10,000 X		313 313 313		X 8 943 943	××>	×× <del>8</del>	×	:	313 313			1,000 313c			1,000 313c	2 X UDSD 313	313	313	255	200 B	313	913					1,000 313c 1,000 313c		313		10 313c P029 .	313 UD51	100 313 U052 313 U052		313 UOS3 20,000
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76002 1260 <del>8</del> 542707			35,472,86 5,472,86 5,472,86 5,472,86 5,472,86												7803512 Release: minimum concentration 1%, \$10,000, The 7803512 Release: minimum concentration 1%, \$10,000, The	minimum concentration 0.67%, \$10.15	20057469 216018 22670	40001 00 445045 556642	066309 1607377	28407376 2602462	18071866 2832408	3781533 81889	3/18976	8450778	128665	102106	2000 2000 2000 2000	54418 54183 14017415	0	7440508 N100 D	000	54482	5636263 8001569	120716 108394 854877	106445 1319773	535897
ROPICRIN ROPRENE ROPROPIONITRILE	CHLOROPROPYLENE CHLOROPROPYLENE CHLOROPROPYLENE CHLOROPROPYLENE	I CHLOROQUINOXALINYLOXYPHENOXYPROPANOIC ACID E CHLOROSULFONIC ACID CHLOROSULFONIC ACID	Chlorofiz Throne Chlorofiz Debridgesine CHLOROTETAR-LUCKOETTARIET CCHOROTETAR-FLURGESTRANE CCHOR	CHLOROTHALONIL CHLOROTHALONIL CHLOROTHURINI CHI ORDITALINIMI HYDROCHI ORIDE	CHLOROTRICHLOROMETHYLPYRIDINE CHLOROTRICHLOROMETHYLPYRIDINE CHLOROTRICHLOROETHANE (HGFC-133A)	OHLOROTRILLUOKOME ITAKA CALLOROTRILLUOKOMETHYLPHENOXYYZANITROBENZOIC (CHLOROTRILLUOROMETHYLPHENOXYMETHYLSULFONYL	MCHLOROTRIFLUOROMETHYLPHENDXYNTROETHOXYM MCHLOROTRIFLUOROMETHYLPHENYLDINE(+)-CYANO(3-	CHLOROTRIFLUGROPROPANE (HCFC-2024 B) inchlorotriflugropropenylomethylcyclopro cell ordaniyl dichi ordarsine	CHOROXURON	CHICARYRICOSMETHYL CHICARALFURON	CHLORTHOPHOS CHROMIC ACETATE	CHROMIC ACID CHROMIC ACID	CHROMIC CHLORIDE CHROMIC SULFATE	CHROMIUM CHROMIUM AND COMPOUNDS	CHROMIUM OXYCHLORIDE	CHROMOUS CHLORIDE	CHRYSANTHEMICACID OF D-ALLETHRONE CHRYSENE	CACIDGREENS CACIDGRA14 Apail/Appens	CIBASICAREEN** CIBASICAREEN** CIMPIECTRI ACKOR	GIDIRECTBLUEZIS GIDIRECTBLUES	CIDIRECTBROWNIS CIDIRECTBROWNIS	CHOODREDG	CISOLVENTORANGE	CISOLVENT YELLOWA CISOLVENT YELLOWB	CISOLVENTYELLOWC CIVATYELLOW4	COBALT CARBONYL	COBALT COMPOUNDS or COBALT, ((2.2-4,1,2-ETHANEDPLBIS (NITRILOMETHYLLD	Cobalbus bromde COBALTOUS BYOMADE CObalbus formals COBALTOUS SORATE CObaLTOUS SULFAMATE COBALTOUS SULFAMATE	COICHICINE	COPPER COPPER COMPOUNDS CORRES COMPOUNDS PROFETIONS	COPPER COMPOUNDS EXCEPTIONS COPPER COMPOUNDS EXCEPTIONS	<u> </u>	COUNTETRALY. CREOSOTE	GRESIDINE CRESOLA CRESOLA	CRESOLC CRESOL	CRIMIDINE
물물물	,					acid, e	13.ms	clopropa																			tyne))bla(8-fluo			Sec. 243	—Except Copper prinsholyainine compounds (under 313) —Except C.I. Pigment Blue 15 (under 313) —Except C.I. Pigment Green 7 (under 313)					

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80159 135208 142712	12002036	7447384	583563	7758967	ACASEM;	22,772,562	NIOB	57125 460105 Delease: without concentration 19, STO 10 000 That	minmum concentration 11.67%, STG 45	5086E3	506774 506774 Release: minimum concentration 1%, STO 10,000. Theft	minimum aencentration 267%, STQ 15	506785	675149	1134232	US/US STO 15 PM - 15 P	110827	2556367 56898	108030	108941	108018	131885 06934 S-bedeath and all and a second second 6770 870 800	50124 Saborage: minimum concentration Avid, 514 Avid.	75194 Release: minimum concentration 1%, STQ 10,000	2691410 Release: minimum concentration ACG, 510 5000, Thett minimum concentration ACG, STO 400	68358375	68085858	94757	94804	94111	24791	1320189	1928387	1925616	1020733	25/08267	53467111	94111 1320189	94757	20630813	53404607	97976	35123 2554	9227	3547044	0	17702419	78486	117817	3065443 919888	1,308,4585	1822434 53404378	10311849 23173184	615054	101804	496720 823416	20808	
	CUPRIC ACETOARSENITE		CUPRIC OXALATE	1000	COPPLIC SOLFATE, AMMONIATED			CYANIDES (SOLUBLE SALTS AND COMPLEXES) NOT OTHE			CYANDGENCHLORIDE CYANDGENCHLORIDE (CONCL)		CYANOGENIODIDE	CYANDRICELLORIDE	CYCLOATE	CYCLOHEXADIENEDIONETRIS(T-ACKRONYL)*	CYCLOHEXANE	1.4-Cydohaxane dilacoyanete Cwdydwydre 12.3.4.5 f Dawseblone, (1 alcha 2 alcha 3 bet CYCLOHEXANFHEXACH; ORO-4.1 ALPHA, 2 ALPHA, 3 BE	CYCLOHEXANOL	CYCLOHEXANDRE	CYCLOHEXYLANINE	CYCLOHEXYLDINITROPHENOL	CYCLOHEAYLL MCHLOROSILANE	CYCLOPROPANE	CYCLOTETRAMETHYLENETETRANTRAMINE	CYFLUTHRIN	CYHALOTHRIN	D ACID	D BUTYL ESTER	DESTERS	DESTERS	DESTERS	DESTERS	DESTERS	DESTERS	DESTERS	DESTERS	DISOPROPYL ESTER	D'SALTS	DAUNDMYCIN	DAZOMETSODIUM SALT	98	Dace	300	205	DDT AND METABOLITES	DECABORANE(14)	DECASROMODIPHENYLOX DEF	DEHP.	DEMETON DEMETON-SHAETHYL	DESMEDIPHAM	DELMYLMEXYLESIEN DETMYLMETHYLPENTYLESTER	DIAUFOR DIALI ATE	DIAMINOANISOLE	DIAMINODIPHENYL.	DIAMINOTOLUENE DIAMINOTOLUENE	DIAMINICACIONEA	
Currene hydroperoxide Cupterron Cubric acetate	Cupric acerbarrenits	Cupno chloride	Cupric curates	Cuprio sulfate	Cupite sulfate, ammoniated	Cyanazine	Cyanida Compounds	Cyanides (soluble setts and complexes)		Cyanogen bromide	Cyanogen chloride Cyanogen chloride (CONC)		Cyanogan lockdo	Cymplufo fluodie	Cycleata	2,5-Cyclohexadlene-1,4-done, 2,3,5-ma(1-exintly))- Cyclohexadomlas	Cyclohexane	1,4-Cyclohexane dileocyanete Cwclohexane 1 2 3 4 5 6-havachlone /1 aloha 2 aloha 3 5	Cyclohexanol	Cyclohexanone	Cyclohexylamine	2-Cyclehexyl-4,0-dintrophenol	Ovelophosphamida	Cyclopropano		Cyfluthrin	Cyhalotrin	24-0 24-1 And	2.4-D butyl exter	2,4-D Estiens	2,4-D Estora	2,4-D Estera 2,4-D Estera	2,4-0 Estera	2,4-0 Estem	2,4-D Estors	2.4-D Esters	2,4-D Estors	2,4-D isopropyl exter	2,4-D, salts and esters	Daumomycin	Dazomet, sodium satt	2,4-08	DBCP	300	DOE	DDT and Metabolites	Decaborane(14)	Decabromodiphenyl oxide	OEI-F	Demeton Demeton-8-nettw	Desmedipham	2,4-D 2-etrythexyl ester 2,4-D 2-etryl-4-metrylpentyl ester	Disktor Disktor	2,4-Diaminoanisolo	Z,A-Diaminodribove suitaro 4,4'-Diaminodiphenyi ether	Diaminotoluene Diaminotoluene	2.4-Diamonthland	

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hydrachiolida	DIAZINON	333415		₩.	343	
		87310 Kelesse: minimum concentration ALC, STG 400 minimum concentration ACG, STG 400		:	:	
	DIAZOMETHANE	334863 Anares		<u>\$</u>	313+1	
oridine		22420			1200	
ē		53703		-	31344 0066	
o,g)¢arbazole filosanthana		5385751		***	3134	
		192849		<u>s</u>	31347	
pyrefie		189640			313+4	
		191300		0	× LOS	
itene		10287457 Release: minimum concentration ACG, STQ 2,500, Theft: 100	100 100			2,500
		minimum concentration 2,67%, STO 15	100	c		2,500
-3-chleropropane	DIBORANE(6) DIBROMOCHLORO	16/258 16/128	٠		313 U006	
othero	DIBROMOETHANEE	106034		-	×	
4-tydroxybonzonitrio 3-olfolonconlonamide	DIBROMONITRILOPROPIONAMIDE	10222012			3138	
afluoroethane	DIBROMOTETRAFLUOROETHANE	124732 84740		5	313 U089	
alate	DISCLYLPHINALATE	12/18/09 12/18/09		1,000	313	
	DICHLOBENIL	1194858		3.		
	DICHTONE	117808		•	313	
	DICHLORAN	25/32/26		100	×	
Zehe		95501		8:	x 1070	
benzene	DICHLOROBENZENEA	86501		3 5	343 1074	
penzene	DICHLOROBENZENES	541731		900	313 0072	
benzane	DICHLOROBENZENEC	105467		96	313	
zane (mixed (somens)	DICHEONOBENZENEMIA	91941		-	313 U073	
Spenziane		0		i		
popozidine dinydrochlonde	DICHLOROBENZIDINEDIHYDROCHLORIDE	612630			313	
obenzidine sulfate	DICHLOROBENZIDINESULFATE	8486342		2003	325	
тотейнале	DICHLOROBROMOMETHANE	12674			313	
chloro-2-butene	Ological September Ological Cological Cologica	110576	200	200	×	
Catobourging 22-butters	DICHLOROBUTENEZ	764410		-	313 U0/4	
	DICHLOROCHLOROPHENYLTRIAZIN-2-AMINE	101053			313	
1-diffuoroothane	DICHLORODIFLUOROETHANE (HCFC-7328)	15727		5,000	313 U075	
uordmethane Littera	DICATOR SOCIAL DONOR IN TANKS DICATOR SOCIAL DANS DICATOR SOCIAL D	75343		1,000	270U X	
ochane	DICHLOROETHANE	107062		8	) (00 STS	
loroethenyl)-2,2-dimethyloydopropane carboxyl	SIDICHLOROETHENYLDIMETHYLCYCLOPROPANECARBOXY	52845531 68358375			×	
loroetheny()-2,2-dimethylcyclopropanecarboxylik	DOLL DOOR THE STATE OF THE STAT	75057		100	8200 X	10,000
pertylene	DICHLORDETHYLENE	156805		1,000	943 143	
pethylene	DICHLOROETHYLENE	540590		<u> </u>	Sign X	
yl ether	DICHLOROETHYLETHER	111444	10,000	2	313	
o-1-sucroethane	DICHLOROFLUOROETHANE	1717006			313	
promothans	DICHLOROFLUOROMETHANE	108901		1,000	X UOZZ	
propyl edier	DICHLOROMETHANE	75092		1,000	343 1080	
p-2-methexybenzolc acid	DICHLOROMETHOXYBENZOICACID	1918009		om'r	< ≻	
o-2-mathoxybanzok acid, sodium salt	DICHLOROMETHOXYBENZOICACIDSODIUM SALT	CHSCHO!	901	10	X PO16	1,000
othyl ether	DICKLOROME HYLETHER PLOICE OPOMETHYLETHOXYPHENYLDIMETHYLETH	196963061			×	
signocopy i miskrijyddioday ganel lysgog i y mai i dan dan y y taran y dan	DICHLOROMETHYLPHENYLCILANE	149746 Sabotage; minimum concentration ACG, STQ APA	000'1	1,000	>	
p-4-nitroaniline	DICHLORONITROANILINE DATIFICATION OF THE PROPERTY OF THE PROPE	68309 127844005			313	
nts/kupropropane	DICHLOROPENIATED CROPROPARIO (HOFO-225A)	128903219			313	
ort, 1, 2, 2-permination options	DICHLOROPENTAFLUOROPROPANE (HCFC-225BA)	422480			913	
o-1,1,2,3,3-pentafluoropropane	DICHLOROPENTAFULOROPROPANE (HCFC-225BB)	472446			313	
n-1,1,1,2,2-pentafluoropropane	DICHIOROPENTAFILOSOPROPANE (HCF-CACCA)	807851			313	
o-1,1,2,2,3-pentalluoropropane	DICHLOROPENTAFLUOROPROPANE (HOFO-2256C)	13474889			313	
6-1,1,2,3,3-pentationopropries	DICHLOROPENTAFLUOROPROPANE (HCFC-225DA)	431887			333	
o-1,1,2,3,3-pentafluoropropane	DICHLOROPENTAFLUOROPROPANE (HCFC-225EA)	138013781			3 8	
np-1,2,3,3,3-pentafluoropropane	DICHLOROPENTAFILDOROPANE (HCPC-KOEB)	97234			313	
eno	DICHLOROPHENOL.	120852		100	313 U081	
lonathan	DICHLOROPHENOL	87650		0	×	
Nohlorophenoxy)phenoxy)propanolo acid, methy	PS DICHLOROPHENOXYPHENOXYPROPANOICACIOMETHYL E	5133827.3	200		P036	
venylarsine Horophenyl Sethemd-Settethyl-2.4 oxazolidine	DICHLOROPHENYLETHENYLMETHYLOXAZOLIDINEDIO	50471448			<b>*</b> >	
hlorophenyt) 4-methyt-1,2,4-oxadlazolidina-3,5-c	oneDICHLOROPHENYLMETHYLOXADIAZOLIDINEDIO	20354261			<×	
alorophenyl)propanamide	DICHLOROPENYLPROPANAMIOE  DICHLOROPENYLPROPANAMIOE  DICHLOROPENYLPROPANAMIOE	7050588 35554440			×	
Montoophenyi ya 42-propenyi ay ya 11yi ya matina Nobiomanbanyi 14-propyi 13-dioxoleo-2-di meth	AND CONTROL OF THE TRANSPORT OF THE TRAN	60207901			×	
DICHLOROPROPANE	DICHLOROPROPANE	28838197		100		
ropans - Okthloropropene (mixture)	DIGHLOROPROPANE - DIGHLOROPROPINE (MIX.) URE)					

000,61		000'01	10,000
313 U084 X U084 313 313 313 U084 104	2515 2516 2516 2516 2516 2516 2517 2517 2518 2519 2519 2519 2519 2519 2519 2519 2519		3134 313 313 U082 313 U083 313 U083 313 U085 313 313
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1	.1.000 100 800 800	ъ.	
70000 70000 142200 2600238 542766 10061028 7.5680 5.5275 4.10600 Release, reinfirum concentration, 1%, 570, 10,000. Thatt	78147  8045165  904517877  904517877  904524  904525  904525  904527  141422  919047  1414038  919047  919047  919047  919047  919047  919047  919047  919047  919047  919047  919047  919047  919047  919047  919047  919047	1 (16205 Subbagge: reteinnun concentration ACO, STO APA (24/16077) (16015 Subbagge: reteinnun concentration ACO, STO 400 Their (25/1601 Their Concentration ACO, STO 400 Their Concentration ACO, STO 400 To	2003-000 11188-000 11188-000 11188-000 124005 124403 Releases: minimum concentration 19s, STQ 10,000 2000605 20017 021697 57870 116607 57870 4176670
DICHLOROPROPANEIT DICHLOROPROPANEIT DICHLOROPROPANEIT DICHLOROPROPANEIT DICHLOROPROPANEIT DICHLOROPROPENEIT DICHLOROPROPENEIT DICHLOROPROPENEIT DICHLOROPROPENEIT DICHLOROPROPINIONIC ACID DICHLOROPROPINIONIC ACID	DICHLOROTETRA/LUOROETHANE DICHLOROTETRA/LUOROETHANE DICHLOROTRA/LUOROETHANE DICHLOROTRA/LUOROETHANE DICHLOROTRA/LUOROETHANE DICHLOROTRA/LUOROETHANE DICHLOROTRA/LUOROETHANE DICHLOROMETHY DICHLOROMETH	DETRYLAGORANGE DEFINAL CHOOSTHALE DEFINAL DEFIN	DMETHOYNE RELIGIORIE DIVINGUICA DE DMETHOYNE RELIGIORIE DIVINGUICA DE DMETHOYNE RELIGIORIE DIVINGUI DMETHOY ARMINGUI DMETHOY ARMINGUICA DA DMETHOY ARMINGUICA DA DMETHOYNE DE CAMBA DMETHOY ARMINGUICA DA DMETHOY ARMINGUICA DE DMETHOY ARMINGUICA DE DMETHOY EREVIZIONE DIVINGUICA DE DMETHOY EREVIZIONE DA DMETHOY EREVIZIONE DA DMETHOY EREVIZIONE DA DMETHOY EREVIZIONE DA DMETHOYNE DA CORRUPE DMETHOYNE DA CORRUPT DE CORRUPE DMETHOYNE DA CORRUPT DE CORRUP
1,5-Dichloroproparie 1,2-Dichloroproparie 1,2-Dichloroproparie Dichloroproparie Dichloroproparie 1,2-Dichloroproparie 1,2-Dichloroproparie 1,2-Dichloroproparie 1,2-Dichloroproparie 1,2-Dichloroproparie 1,2-Dichloroproparie	ane cetture cetture ceture shyl-4-pyrmddinyl)-O.O-dinetvyl pl		dictyle accidentals Af Verial control or Af Verial

		CAS/313 Category Codes DHS STQ (in pounds unioss otherwise noted)	Section 302 (EHS) TPQ	Section 304 EHS R	Section 304 EHS RQ CERCLA RQ Section 313 RCRACODE CAA 112(r) TQ	otion 313 RCRACOD	E CAA 112(r) TQ
2.2-Dimetryl-1.3-benzodioxol-4-of metrylcarbamate	DIMETHYLBENZODIOXOLÓL METHYLCARBAMATE DIMETHYLCARBAMYL	75447	;	ş	8.	313 U097	
	DIMETHYLCHLOROTHIOPHOSPHATE DIMETHYLDICHLOROSILANE	2524030 75795 Retease: minimum concentration 1%, STO 10,000. Salpberge: minimum concentration ACG, STO APA	200	200		2	5,500
3,3-Dimetryl-4,4'-diphenylene dileocyanate	DIMETHYLDIPHENYLENEDIISOCYANATE DIMETHYLDIPHENY METHANEDIISOCYANATE	91974 139253				3,50	
S.S. — University and present the contract of	DIMETHYLETHYLETHYLEHONPHONATE	6162753 34014181				×	
NAOAT, TADIMOUVIOUNITY, JAHUNAMAKONANITYAN TOMINYAN Dimothyliomanido	DIMETHYLFORMAMIDE	68122		٠		313 ×	
N,N-Dinethyllomariide N,N-Dinethyllomariide 1,1-Dinethyl hydrazine DiMETHYL-PCRAZI	DIMETHYL-CRMAMIDE, N.N- DIMETHYL-HYDRAZI	148	1,000	5 5	<del>6</del> 5	313 UD68 X U066	15,000 15,000
Dimethylhydrazine O O Dimethyllo Odesen phoso	DIMETHYLHYDRAZINE • DIMETHYLMETHYLMETHYLTHIOPHENYLESTERPHOSP			!		×	
	DIMETHYLMETHYLPHOSPHONATE  DIMETHYLMETHY BRODENY CYCLOPROPANECARBOXYL					×	
2,2-Dimetryi-3-(2-metry)-1-propenyi.gydopropanecarooxyiid 2,2-Dimetryi-3-(2-metryl-1-propenyi)gydopropanecarboxyiid	* DIMETHYLMETHYLPROPENYLCYCLOPROPANECARBOXYL				8	313 1101	
2,4-Dimethylphenol	OIMETHYLPHENOL DIMETHYLPHENYLENEDIAMINE		10/10,000	5			
CATTOL BY INTERNATION OF THE CONTRACT OF THE	DIMETHYLPHOSPHATE					;	
Checkful observed to the control of	DIME I HYLPHOSPHORAMIDODOPHONIA I E DIMETHYLPHOSPHOROCHLORIDOTHIOATE		900	905	2000	313 U102	
Dimethy phthalate	DIMETHY/DHTALTE  DIMETHY/DHTALTE  DIMETHY/DHTALTE  DIMETHY/DHTALTE			;	availa	2001	10,000
2,2-Dimethy/propane Dimethyl sullate	DIMETHYLSULFATE		200	8	100	SULU X	
O,O-DimethyLQ-(3,5,6-trichlore-2-pyridy)phosphorothloate	DIMETHYLTRICHLOROPYRIDYLPHOSPHOROTHIOATE		500/10,000	•	_ ;	P101	
Dintrobenzene (mixed isomers)	DINITROBENZENE (MIXED)				3 <b>5</b>	313	
m-Dintrobenzene	DINITROBENZENEM				8	333	
	DINITROBENZENEP		100/10/00	1,000	90,	313 P020	
Diritrobutyl phenol	DINITROBUTYL PHENOL DINITROCRESOL		10/10,000	2 :	÷ 5	313 P047	
4,5-Unitropesed	DINITROCRESOL		10/10/00	2	2	<b>.</b>	
	DINTROGENTETROXDE DINTROGLYCOLURIL						
					5	P047	
4,8-Dinito-o-creso) and safts Districtional	DINITROCKESOL AND SALIS DINITROPHENOLA	25550587 Release: minimum concentration ACG, STQ 5,000. Their			10		
		minimum concentration Acts, 610, 400 51295			5	313 PD48	
2,4-Dinitrophenol 2,5-Dinitrophenol	DINITROPHENOLO	329715 3794516			<del>2</del> 2		
2,8-Dinitrophenol	DINITROPHENOLD	35860\$16					
Dinitrarenatcinal		519448 Release: minimum concentration ACG, STQ 5,000. Theft minimum concentration ACG, STQ 400					
	DINITROSOBENZENE	25550554			ę	313	
Dinitrotoluene (mixed isomers)	DINITROTOLUENEA	255221 1 46 121 142			5 5	313 0108	
2,4-Cinimetaluene	DINITROLOGICENEB	608302			<u>\$</u> ;	313 1/106	
3,4-Dintrobluene	DINITROTOLUENED	610399 33390463			3	313	
Dirocap	DINOCAP	29898	100/10,000	1,000	1,000	× P020	
Dinotarb	DINOTERB	1420071	500/10/000	9	5,000	U107	
Di-n-octyl prithalate	DIOCTYLPHTHALATE DIOCTYLPHTHALATE	117840			5,000	7010	
1,4-Dioxane	DIOXANE	123911	98	200	3		
DIOXATHION DIOXATHION DIOXATHION DIOXATHION DIOXATHION DIOXAN-LINE COMPOUNDS	DIOXATHION BIRDIOXIN AND DIOXINLLIKE COMPOUNDS	OSIN		Ş		3134	
Diphachone	DIPHACINONE	82866 857517	and a role	2		313	
Diphenanid	DIPHENYLDICHLOROSILANE	80104 Sabotage: minimum concentration ACO, STO APA				313	
Diphenylamine	DIPHENYLAMINE OIDHENN HYDDAN	122867			ō.	313 U109	
1,2-Dipherylhydratine Dipherylhydratine	DIPHENYLHYDRAZINE	0	Ę	Ę	Ę	P085	
Diphosphoramide, octamethyl-	DIPHOSPHORAMIDE, OCTAMETHYL- DIPICRYLSULFIDE	2217053 Release; minimum concentration ACG, STQ 5,000, Theft					
Diplorylamine [or] Hexyl		malmum concentration ACG, STQ 400 131737 Release: minimum concentration ACG, STQ 5,000, Theft manipum concentration ACG, STQ 400					
Discipasium endothell		Values				373	
Dipropylaring	DIPOTASSIUMENDOTHALL	2164070 142847			2,000	0110	
4-( Dipropylamino)-X,5-dimtrobenzeneeurionamide Dipropyl (sociochomeronate	DIPROPYLAMINODINITROBENZENESULFONAMIDE	19044883				313 X	
DI-n-propyth/trosarvine	DIPROPYLISOCINCHOMERONATE DIPPOPYLINEDSAMINE	138438 621647			ō,	X U111	
Diquet	DIGUAT	65007			000,		
Disodium cyanodithiolmidocarbonate	DISCURION DISCONDITION OF THE DISCONDING OF THE D	138032		•	•	313 B/39	
Dithezanine todide	DISULFOTON	286044 514738	500/10,000	. 8	-	1	
Dithiobluret 2.4-Dithiobluret	DITHIAZANINE IODIDE DITHIOBIURET	541537	100/10/00	8 5	8 5	X P049	
Diuron	OffHIOBIURET-2,4	241537 320541	Turkey work	<u> </u>	18	313	
Dodecylbenzonesulfonic acid Dodecylguanidne monoacetate	DODECYLBENZENESULFONIC ACID	271,76870			1,000		

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NAMENDEX CAS	JANIDINEMONDACETATE	3NIOOO SANIOOO SANIOOO	DSODIUM SALT	EMETINE, DIHYDROCHLORIDE ENDOSHI EAN	ENDOSULFAN	ENDOSULFAN ENDOSULFAN AND METABOLTES	ENDOSULFAN SULFATE	ENDOTHOL	ENDRIN	ENDRIN ALDEHYDE	EPICHLOROHYDRIN	EPINEPHRINE	Par State	ERGOCALCIFEROL.	ERGOTAMINE TARTRATE	EIRANAMINE	ETHANECHLORO.	ETHANEDIFLUORO	ETHANEDINTRILE	ETHANEOXY8.5- FTHANEDEROXOICACID	ETHANESULFONYL CHLORIDE, 2-CHLORO-	ETHANETETRACHLORO-			ETHANIMIDOTHIOICACIDDIMETHYLAMINOPN-HYDROXY ETHANIMIDOTHIOICACIDMETHYLAMINOICARBONYLI			ETHENE (DHS ETHYLENE)	ETHENEBROMOTRELLORO . ETHENECHI DEO.	ETHENECALOROSTRIPLU (DHS TRIFLUOROCHLOROETHYLL		ETHENEOGRADORO	ETHENEETHOXY-	ETHENERFLOORO- ETHENEMETHOXX.	ETHENETETRAFLUORO-	NOITE	ETHOPROPHOS	CETHOXYETHANOL	RETHOXYIMINOBUTYLETHYLTHIOPROPYLHYDROXYL DTHOXYIMETHYLETHYL AMINOPHOSPHINOTHIOY/DXYBE	ETHYLACETATE		ETHYLAMINOMETHOXYPHOSPHINOTHIOYLOXYBUTENOIC	ETHYLBENZENE	ETHYLCARBAMATE FTHYLCARBAMATE	ETHYLCHLORIDE	BI ETHYLCHLOROFORMATE STHYL CHI OROMETHOXYDDIMIDINY! CARSONY! AMINO	ETHYLCYANIDE	ETHYLDIPROPYLTHIOCARBAMATE EPTC	ETHYLENEBISDITHIOCARBAMIC ACID SALTS AND ESTERS	ETHYLENEBISDITHIOCARBAMIC ACID, SALTS & ESTERS	ETHYLENEDIAMING-TETRACETIC ACID (EDTA)	ETHYLENEDIBROMIDE	ETHYLENEFLUOROHYDRIN	STHYLENGOLYCOL STALY DAIDHEAD	FTHYLENEOXIDE	ETYVLENETRIOUREA PTHYLETHER	ETHYLDENEDICHLLORIDE	ETHYLMERCAPTAN ETHYI METHACRYI ATE	
NAME	- cilve	2,450				Endosultan and Metabolites Endosultan sulfate	Endothall	Endothlon	aldehyda				EPTC Emmonitation	Ergobartine tarbate	Ethanamine	Efterne Fitterne chloro-	1,2-Ethanediamine	Ethene, 1,1-dituoro- Ethenediolinie	Ethane, 1,1'-oxyble-	Ethanoperoxole apid	Ethans, 1,1,2-bruckloro-	Ethane, 1,1,4thlobis(2-chloro-	Ethane, 1,1,2-trichloro-7,2,2-trifluoro-	Ethanimidothiolc acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, I	Ethenimidathiole add, N-{[methylamino)carbonyi) Ethenni 1 2-dichton: pretate	Ethanol, 2-ethoxy-	Ethanol, 2,2"-oxybles, dicarbamete	Emans, bromotrifluoro-	Ethene, chlore- strane, phonoridiness.	Ethere, 1,1,4dichloro-		Ethere, 1,1-diffuero- Ethere, ethexo-	Ethene, nuoro-	Ethere, methaxy- Ethere, tetrafluore-	Ethon	Ethopsop	2-Ethoxyethanol	2-(1-(Ethoxylmina) butyl)-5-(2-(ethyttila)propyl)-3-hydroxyl-2	24(Ethoxyi((1-methylethyl)amino)phosphinothloy(loxy) benzek Ottol eccents	Ethyl acetylene	Ethyl acrylate	principlosyjes-culturing as	Ethythis (2-chloroethyl) amino		Ethyl ahloroformate	Ettyt-24((((4-chloro-8-methaxyprimidin-2-yl)amlno)carbonyl)al Styd Amelia	Ethyl dipropythilocarbamate		Ethyleneolisdithiocarbamic acid, salta and esions Ethyleneolisdithiocarbamic acid, salta & estera	Ethylenodiamine	ceto add (EDTA)	Ethylene dichloride			80	Ethyl ether Ethyldana Othborida	Ethyl morcaptan	Ethyl methacoyata Ethyl methacoal (foreta	CITY FROME FOR INCIDENT

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Secretary Control of the minimum concentration 70%, 570 0.22   1,000	Introduction (ETA)  Integrated Active Crystal Control of ETA (ETA)  Integrated	YEARTHE SOUND DICHLORIDE	108955 Release: minimum concentration 1%, STO 10,000 1068508					900,01
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### STRANCHOOK STRANCH		SULFOTHION	55389	3	i		313	
### 1500 Month Control		WALERATE	51630581				£ 8	
The control of the		ВАМ	14484641			1,000	2	
Trigger   Properties   Proper		INICAMMONUMCI I KATE RICAMMONUMOXALATE	2844674			000,1		
Tributal Linguistic Control		RICAMMONIUMOXALATE	55468874			900		
This control of the			7783508			5		
Figure Continue to Earth		RICNITRATE	10421484			900		
The control of the	m sulfate	RICSULFATE	CZZ CZOLO L			1,000		
Figure   F		ROUSCHLORIDE ROUSCHLORIDE	7758943			8		
Full Action		RODSBULFATE	7720787			8 5		
Control Cont		ROUSSULFATE	0 ( 1828/1			3.		
Particle		AZIFOPBUTYL	69808504		1		313	
Full Control		ENETIL	4301502	100/10/10/10	8		949	
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			minimum concentration 6.17%, STG 45	100/10/000	92	9	P067	
Columbia	***************************************	OROBRETO ACID	144490	10/10,000	ş			
FLUCKOOMENT CHICAGOD   Trigged   T		JORDACETIC ACID, SODIUM SALT	6274B	10/10/00	<b>6</b> 5	9	x P058	
FLOREORISCIEL   15179   100000000000000000000000000000000000		JOROACETYL CALORIDE JOROACH FONIOACHD	7789211 Sabotage: minimum concentration ACG, STQ APA	<u>i</u>	!			
FUNDAMENTE   FUN		JORDURACIL	51218	200/10/000	S (		33	
ELECTRICATION   ELECTRICATIO		JOROURACILS	51218	200/10/000	8		343 ×	
FORMALDENCE		JVALINATE	133073				313	
Public   P		MESAFEN	72178020		;		313	
Comparison   FORMALDEPTION		NOFOS	944229	9 5	88	160	313 U122	15,000
Victorial Content   Vict		RMALDEHYDE DMA: DRHYDECYANDHYDD:N	(07184	000	1,000	:		
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100   100		RMETANATEHYOROCHLORIDE	ZAZZSJB	onto Lance	3	800	313 1/123	
FORMOTHINE   TOTAGETY   1700GETY   1700GET		RMICACIDMETHYL	107313					10,000
FORMWARANTE   17922577   1001/00   100		RMOTHION	2540821	8	\$ 5	ş	2010	
Frigo.htm.com   Frigo.htm.co		RMPARANATE	17,02577 24,548323	200	8	3		
FURSEIDAZOLE   1977		EON118	76131				313	
TOTATION		SERIDAZOLE	3878191	100/10/000	9	500 %		
1,000   1,00		MARIC ACID	110008 Release: minimum concentration 1%, STO 10,000	200	8	5	1124	5,000
Second Companies		RAN, TETRAHYDRO-	1000001			66.	U213	
CALLULAN EICHLORDE   1720502 Their minimum acroentration 22/79%, STQ 45   100   10		RFURAL	98011	OU OKOUS	Ş	nno'e	erio	
All Color	3.5	ALLIUM TRICHLORIDE RMANF	13450B03 7782652 Theft: minimum concentration 20,73%, \$10.45	Property and	3			
GERMANULTERACHLORIDE   788586   10   10   10   10   10   10   10   1			7723565 Theft minimum concentration 2,11%, STG 15					
1200   1200		FRMANIUMTERAFLUÖRIDE Sonsy at Delevor	7855B6 785344			¢	U128	
CHANIDNE   NARTHYLA-W-NITROSA-NITROSCA-   7027    CHANIDNE   NARTHYLA-W-NITROSCA-N		YCOL ETHERS	052N			1 9	313	
Committee		JANDINE, N-METHYL-N-MITRO-N-MITROSO- JANYI NITRO-SAMINDD-YANYI IDENEHYDRAZINE	70257 Relasse: minimum concentration ACG, STQ 5,000, Theft			2	8	
OLANYANTROS-MINOGUANT,   ETHAZENE   1042 o Nesses: maintain concentration ACC, 512 400   1			minimum concentration ACG, STQ ADD					
Marchellon   10111000   1	ਰੱ	JANYLNITROSAMINOGUANY, TETRAZENE	1052/3 Netease: Rihiman concentration ACG, STQ 400 Palaimum concentration ACG, STQ 400					
HALONETHERS 0.00000 HALONETH 0.00000 0.00000 0.00000 0.000000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.000000		NOIHU	96500		-	i		
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		ALON1301	124732				×	

RCRACODE CAA 112(r) TO		15,000 15,000 15,000 15,000 2,500 10,000 5,000 2,500
Section 313 RCRACODE	20 20 20 20 20 20 20 20 20 20 20 20 20 2	313 513 513 513 513 513 513 513 513 513
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	1,000/10,000 100 100 500 500 Theft	500 1,000 1,
DHS 870 (in pounds unless otherwise noted)	9.0952.2 9.0952.4 9.0	### Stabologic refurmum concentration ACC, \$10 APA, 674900001
CAS/3/3 Category Codes		0,000,000 C C C C C C C C C C C C C C C
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. S. F. S. L.	NAMEINDEX CAS/312 Category Codes HYDROGENELURIDE(ANHYDROUS) 1003462 1003462	DHS STQ (in pounds unless otherwise noted)  G Z Trieft minimum concentration 85,33%, STQ 45	Section 302 (EHS) TPC 100		CERCLA RO	Section 313 RCRACODE CAA 112(r) TQ X U134 1,000	CAA 112(r.) TQ 1,000
iw.zc.	HYDROGENSE (Core. > 52%)		10	10		313c	200
- Joseph Martine	HYDROGENSULFIDE		200	100	ā	313s 11135	10,000
di northuri da	HYDROPEROXIDE, 1-METHYL-1-PHENYLETHYL-		500110.000	<b>6</b>	5 20 20 20 20 20 20 20 20 20 20 20 20 20	313 313	
	HYDROQUINONE IMAZALIL				100	313 313+^ U137	
urtermate . (19-54-11)-	NDENOGIZACOPPYERNE NODNEPENTAFLUORIDE NODOPROPYNY BUTYCARBAMATE	1933065 7782865 Sabotage: minimum concentration ACG, STO APA 65408538 society Process ampliant or concentration 196, STO 10,000	8	8		313 X	2,500
	IRONCARBONYL (FE(CO)5), (T8-5-11)- IRONPENTACARBONYL-	1346340¢ Kelegaes, mirjimati Origen valori 12, 012, 012, 112, 113, 113, 113, 113, 113, 113, 1	100/10/00	<b>5</b> 5		313	2,500
	ISOBENZAN	251 535 75265 Release: minimum concentration 1%, STQ 10,000 7947			5,000	0140	000,01
	ISOBUTYL ALCOHOL ISOBUTYRALDEHYDE	78842 78842 7850 Rejeass: minimum concentration 1%, STQ 20,000	1,000	0001		elle e	20,000
lorophenyl estar	ISOBUTYRONI KILE ISOCHANIC ACID, 3,4-DICHLOROPHENYL ESTER	102363 465736	500/10,000 100/10,000	8 € ←	-	313^ P060	
	SOURIN ISOPENHOS ISOPE LOBBETE	28314711 SS914	201	901	8 0	. × 2043	
one, 3a,4,7,7a-tetranydro-z-j(monk	INTERCEDIATION OF THE TRAHYDROTRICHLO	133062 79784 Release: minimum concentration 1%, STQ 10,000			2 %	i	10,000
6	SOPERIANE: ISOPERIANE: ISOPERI	78591 4098719	209	900	100	313#	10,000
cyfbenzene sulfonate	ISOPRENE ISOPRENE ISOPRENE SULFONATE	78795 Release: minimum concentration 1%, STQ 10,000 42504481			1,000	313	
storg acto process.	ISOPROPYLALCOHOL	67630 75310					000,01 000,01
	SOURCE TERMINE SOURCE S	75296 Release: minimum concentration 1%, 510 10,000 108236 Release: minimum concentration 1%, STQ 15,000	1,000	1,000		313	15,000
ienai ly) dimethyloarbamete fluorda	ISOPROPY, IDENED	90057 977420 Theft CUM 100p					
olo dichloride	ISOPROPYLMETHYLPYRAZOLYL DIMETHYLCARBAMATE	1488608 Their minimum concentration outs, or a 22.	905	901	<u>\$</u> \$	P182 313 U141	
		120581 526616	200	200	-	X U142	
		1435007 7750034 1 000	1 000	1,000		313	
	LACTONITRILE	78977 300344		ļ	55	3134	
		7438921 301042			22,	3136 U144	
	LEADARSENATE	7645252 7764408			· •- •	333	
		10102484 13424469 Release: minimum concentration ACG, STQ 5,000, Theft					
		minimum concentration ACG, STQ 400			5	3136	
	LEADCHLORIDE LEADCOMPOUNDS	ACEDOCA OCEN TOTAL			<b>1</b> 2	3 3	
		13814865			55	8 8 8 8	
		10101630 10089748			:29	3130 3436 U145	
	LEADPHOSPHATE	7440277			22:	8 6 8 6	•
	LEADSTEARVIE LEADSTEARVIE	7.426480 species			22	388	
	LEADSTEARATE LEADSTEARATE	SCIEDENCE SCIEDENCE SCIEDENCE OF THE SCIEDENCE AND ADDRESS AND STOS STOS ON The			5	8	
	LEADSTYPHNATE	15245440 Retealed manmain consensation ACC, 51'C 52'C 52'C 11'C)			ā	313c U146	
	LEADSUBACETATE FADSULFATE	1905328 7448142			÷ 5 5	3136 3136	
	LEADSURATE	15739807 1314870			125	93.30	
	LEADTHIOCYANATE	592870 21 Bonelos	500,0000	200	2	3	
	LEPTOPHOS LEMSITE	541253 541253 541050	1,000/10,000	ę <b>-</b> -	-	313 U129	
	LINDANE	330552	:			515 5	
	LITHUMGARBONATE LITHUMGARBONATE	77028BO Sabotage: minimum concentration Aug. 514 Arxiv 55432			5	343 378 38	
	LITHUMCHROMATE LITHUMATORIDE LITHUMATORIDE	1400-1308 1580678 26134623 Sabotage: minimum concentration ACG, STG APA	901	8			
		7439954 Theft minimum concentration ACG, STQ 100					
	MAGNESUMALUMINUMPHOPPHIOS MAGNESUMAMIOS *** A CALEMINADOS DE INSTITUTE	7805545 Sabotage: minimum concentration ACG, STG APA 12057746 Sabotage: minimum concentration ACG, STG APA			Ę	313	
	MACATION	121765			5,000	249	
	MALEICAGID MALEICANHYDRIDE	108516			<b>m</b> n'e	2	

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	MALEICHT UNAZIDE MALONONITRILE	109773	500/10,000	1,000	1,000	313 U140	
Andrew Street Street Street Street		12427362 7439985				313	
anytical permitted in the control of		15338383			2	313c P198	
d methyloydopentadlenyl	Ş	1210B133	100	001		3136	
		15825704 Release: minimum concentration ACO, \$TO 5,000, Theft					
	МВОСА	10/144			10	X U158	
	MBT Service	148304 84748				<×	
		101688	!	;	5,000	×	
	MECHLORETHAMINE MECOBROB	51752 00652	P.	2		ગુર	
		148823				0310	
oole		148374	8	3		313	
	MERCAPTODIMETHUR	2032657	500/10/000	2	10	× 7.88	
		1600277	500,000,000	200		3136	
	MERCURICOYANDE	592041			-	3130	
		10045940	000000000000000000000000000000000000000	9	₽	3136	
		7783359			10	3136	
	MERCURICTHIOCYANATE	582858			<u>e</u> 9	3130	
		1782867			5 5	33%	
		7438976			- I	313^ U151	
	MERCURY COMPOUNDS MERCHRY ELI MINATE	NASB 628864 Release: minimum concontration ACO, STO 5,000. Theft:			10	313o P085	
		minimum concentration ACG, STQ 400				576	
Ŕ		1505D5 104278958		1,000		9	
		760930		200			
	METHACRYLONITRILE	128987 Release: minimum concentration 1%, STQ 10,000	200	00:50	1,000	313 0152	000,01
laccyanate		30674807		8			
		10265926		8		5	
		137428			\$	2	10,000
metryl-		75503			100	2	10,000
hyl-N-utroso-	PAPANTOSO.  METHANAMINEMETHYL  SACTIVA SACTIVA STRONG	124403 62759	0001	5		X POB2	0000
		74828 Refease: minimum concentration 1%, STO 10,000			Ç.	20 411.75	10,000
-Axe		74873		ç	5 t	X 1046	5,000
•		107.302	8 8	: <del>c</del>	5 5	× P064	10,000
ģ		115108		;	ş	2000	10,000
ride, trichloro-		642681	9 5	o 6	5 6	ş ××	10,000
nde		558258		1,000	!		•
		509148		<b>5</b>	5 5	2.5	10,000
		74831		<u> </u>	ğ 6	× × × × × × × × × × × × × × × × × × ×	20,000
,Z,3,4,5,6,7,8,3-66m6nlore-Z,3,38,4,7,		57749		-	-	econ X	
	METHANOL	67561			900	513 C154	
		20354261				313	
		950378		8 ¢	ç	343 6400	
	METHOCARB	16752775	900,010,000	5 <u>5</u>	5 5	906	
iait		04746				313	
		3853483			-	313* U247	
ic acertain		108884				313	
yt-1,3,5-triazin-2-yl}-mothylamino)cart	yl-1,3,5-trezin-2-yl-mothylamino karbon METHOXYETHYLMERCURIC ACETATE	151382	500/10,000	909		3130 ×	
		107220480				313	
		74639	1,000	1,000	1,000	econ x	000
		583452 Referent minimum concentration 1%, STG 10,000 Actual Referent minimum concentration 1%, STG 10,000					0000
<b>1</b>		74873 Rolease: minimum concentration 1%, STO 10,000		,	100	X U045	10,000
ato		2023	88	900	1.000	313 U156	5,000
		71558			1,000	X U228	. ;
		79221 Release; minimum concentration 1%, STO 10,000	200	1,000	1,000	X Ursp	2,000
2	METHYLCHCOROSILANE METHYLCHOLANTHRENE	56495			9	31344 U157	
		3697243 75647 Salvetate: minimum concentration ACG, STO APA				31340	
thane-3.4-disopyanate		105589 Theft minimum concentration 80%, STQ 220					
5(4,5-b)quinoxalin-2-one	METHYLDIPHENYLMETHANEDISOCYANATE	7/5/20840 2430012				#X	
-chloroanime) -chloroahenol		101144			10	313 U158	

		10,000		90	15,000	10.000	ļ	10,000					10,000		20,000	5,000							000,01 000,01									1,000				10.15			
313 4016	313# 313 U086 X U080	313	U159	0917	313 P088	313 U161	313	3136 U153	313c	313 313 P071	:		313 U191	313	1184	5	200	313 2190	313	313	313	325		313 P007	333	1	33	313 U165	X U279	313 17167	313 U168	3130 3130 PQ73	3438	313 313c P074	888	313c P075	343	9 9 9 9 9 9 9	2 2
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					ħ	ş	200	5 5	200	91	888	Ĭ			10,000	200	ō	1,000	5,	. ¢	2	ç	:	1.000	805							5				901	100	4	000'1
					200	ş	200	5000	500/10/005	101/10.000	200 E	3			10,000	900	ō	100/10/000	500		000'01000	000			200							•				001	100/10/000	4	Peft: 1,000
101611 5124301	(01688 74853 77000	26/27/01	115106 Release: minimum concentration 1%, STC 10,000 76903	1338234	107313 Ralease: minimum concentration 1%, STQ 10,U00 00344 Release: minimum concentration 1%, STQ 15,000	74884	624839 Kejease, minimum dondentradon 175, 514, 10,455 65616	75865 74831 Rolesse; minimum concentration 1%, STQ 10,000, Theft	FILLING CONCENTRATION 45/76, 51 M 5/UL 5/CL 5/CL 5/CL 5/CL 5/CL 5/CL 5/CL 5/C	80526 97425 ************************************	206000 3735237 7735744	679992 Theft minimum concentration 30%, STO 2.2	676993 Theft CUM 100g 11517 Release: individual concentration 1%, STO 10,000	108068 672504 1878044	1034044 556649 Release: minimum concentration 1%, STQ 20,000	56042 75799 Release: minimum concentration 1%, STQ 10,000.	Sabolage; minimum concontration Acts, 31 to Arra 78944	8006422 1129415	21087849 7786347	315/84 909-48	50077 2212871	1313275 78153	05/20224 75/2017 Rejease: minimum concentration 1%, STQ 10,000 74/695 Delices: wildow in concentration 1%, STG 10,000	150685 750685 750004	SUSSESS Theft CUM 1009	2667 (890 4266-891 98800	98797 142506	300765 81203	3173728 63252	1,436,43 1,430,54 1,430,54	2440000 2440000000000000000000000000000	15699190 OTS 201 and hardware constraints to a 2010 40 000	774105C	5557197 5557197	12054487 14216752	7796814 54115	54115 N603 65305	1929624 NS11	7697372 Release: minimum concentration 80%, STO 15,000. Theft: 1,000
METHYLENEBISCHLOROPHENOL METHYLENEBISSIMETH METHYLENEBISSICOTYANITOCYCLOHEXANE)	METHYLENEBISPHENY. METHYLENEBISPHENY.	METHYLENECHLORIDE METHYLENEDIANI	METHYLETHER METHYLETHYLKETONE	METHYLETHYLKETONE (MEK) METHYLETHYLKETONEPEROXIDE	METHYLFORMATE METHYLHYDRAZINE	METHYJODIDE METHYJSOBUTYJKETO	METHYLISOCYANATE METHYLISOTHIOCYANATE	METHYLLACTONITRILE METHYLMERCAPTAN	METHYLMERCURIC DICYANAMIDE	METHYLMETHAGRYLATE METHYLOLAGRYLAMIDE	METHYLPARATHION METHYLPHENKAPTON	METHYLPHOSPHONIC DICHLORIDE	METHYLPHOSPHONIC DIFLUORIDE METHYLPROPENE	METHYLPYRIDINE METHYLPYRIDINE METHYLPYRIDINE	METHYLTBUTYLET METHYLTHOCYANATE	METHYLTHIOURACIL METHYLTRICHLOROSILANE	METHYLVINYL KETONE	METINAM METINA	METRIBUZIN MEVNPHOS	MEXACARBATE MICHLERSKETONE	MITOMYGIN C MOLINATE	MOLYBDENUMTRIOXIDE MONOCHLOROPENTAFLUOROETHANE	MONOETHYLAMINE MONOETHYLAMINE	MONOMETHYLAMINE (DHS METHYLAMINE) MONUPON	MUSTARDGAS MUSTARDGAS	MYCLOBUTANIL NINDISOPROYL&AMINOETHYLCHLORIDEHYDROCHLOF SINGGODGO YEETSAAMINOETHANDI	N,N-DISOPROPYL-BETA-AMINOETHYLCHLORIDE NABAM NABAM	NALEO NAPHTHALENE	NAPHTHALENEDIISOCYANATE NAPHTHALENOLMETHYLCARBAMATE	NAPHTHENIC ACID NAPHTHOQUINONE	NAPHTHYLAMINEA NAPHTHYLAMINEB	NICKEL NICKELAMMONIUM SULFATE	NOCKELCHICORDE NOCKELCHICORDE	NICKELCHLORIDE NICKELCHLORIDE NICKELCHLORIDE	NICKELY PAINTS NICKELY PROXIDE NICKEL WITHATE	NICKELSULFATE NICOTINE	MICOTINE AND SALTS MICOTINE AND SALTS MICOTINE SOLED STATE MICOTINE SOLE	NITRATECOMPOUNDS	MITRICACID
4,4-Wethylensbis(N,N-dimethyl)benzenamine 1,1-Methylene bis(4-leocyanistocyclahexane) 8,5-Methylensbis(1,0-methylensbis)	ŝ			Methyl ethyl ketone peroxide Methyl formate				Zanes grazzo kano Metryl mecaphania Antrolmercario dievanamide	i		Metryl phenkapten Metryl phosphorus dichlorids	Methyloposobonothics dichlorde		N-Mothyl-2-pyrrolidone Methyl tort-kutyl ether								Monochlopperatus of the Monochlopse Monoch						CVECTOR	1-Maphthelend, methylcerbamete Nachthenic acid	1,4-Naphthoquinone alpha-Naphthylamine		Nickel ammonlum euffats Nickel carbonyl						Nitrapyrin Nitrate compounds (water dissociable) Nitra acid	Nitrice and (none 80% or creater)

On on				-			10,000																						10,000											10,000
848 0VP	313 P077	313 U169	313		313 P078	č	313 P078	313 P061		34.3	313 U170	x 0170	313 U171	31.04	313 W72 0173	313 U174 313 P082	× P082 313	313 313 U111	313 U176	1178	313	313 1179	35				313 U181			313			410	3134	313v	×				
2	2,000	1,000	5		윤	ę	5	6		88	888	)   5	5	ı	₽+	<b>-</b> 5	5 5	Ó		ç	₽ —	٤,	-		1,000	88	â													1,000
2		1,000		800	5	,	<del>5</del> 5									0	9													8										
3		10,000		200	5		5 <u>6</u>									1,000	000													100/10/1000								±		
10102439 Release: minimum concentration 1%, STQ 10,000, Theft minimum concentration 3.83%, STQ 15		99963 Theft minimum concentration ACG, STG 100 2238127 Release; minimum concentration ACG, STC 5,000, Theft.	minimum concentration ACC, STC #UD Theft: Reference: minimum concentration ACC, STC 5,000, Theft:	minimum concentration ACG, STG 400		Theft, minimum concentration 30%, STG 2.2		10547737 Theft minimum concentration 3,83%, STQ 15 55630 Release: minimum concentration ACG, STQ 5,000, Theft minimum concentration ACG, STQ 400	559897 Release: minimum concentration ACO, STO 5,000. Theft: Continuous concentration ACO, STO ACO ACO ACO ACO ACO ACO ACO ACO ACO AC														? ? Release: minimum concentration ACG, STQ 5,000, Theft	minimum concentration ACG, STQ 400 Theff minimum concentration 1.17%, STQ 15			0 B B Deleaser memorine concentration ACG STO SD00 The	Felease: national concentration ACG, STQ 400	6 5 Release: minimum concentration 1%, STG 10,000 Stebarson: minimum concentration ACG, STG APA	4 (1)	5 Thatt minimum concentration 30%, STO 2.2 6 Thatt CUM 100a	8 Their CUM 100g	7 Theft CUM 100g B Theft CUM 100g	326879 39001020 7724131	CTO COLUMN TO COLUMN THE COLUMN T	1080605 Supplies International Control of Supplies States Supplies	minimum concentration ACO, STG 400	decrooms 78413873 Release: minimum concentration ACG, STG 5,000. Theft		5283689 Sabotage: minimum concentration ACG, STQ APA 6014957 Release: minimum concentration 1%, STQ 10,000
10102439	139139 100018	2338127   7218623	92933 9004700	1122807	1836765 10102440	10544728 55867	\$1752 10102439	10544737 55630	566887	25154556	100027	554847 100027	79489	5522430	924153 1118547	56185	62758 82758	158106	759735	815532	45494DK 598DX	1854355 10075	930557 905638	COSTO	1321128	8872	1998 1998	83,28	55068 10986 528367	99142 2731413		10SP 5785611 3SPH 5078288		32687 390002	2908274	96891 267973	1000	784138	1241	528360

NITROCYCLOHEXANE NITROFEN NITROGEN DIOXIDE NITROGEN DIOXIDE

VITROGUANIDINE

OCTONAL
OCTYLTRICHLOROSILANE
OLEUM
OPPINACOLYL METHYLPHOSPHONOCHLORIDATE

OCTADECHLTRICHLOROSILANE
OCTANOIC ACIDDIBROMOCYANOPHENYL ESTER

Octanoic acid, 2,8-dibramo-4-cyanophenyl ester

Vitrous scad, ethyl ester

A CERCLA R	1	1,000	1,000		<u>S</u>	<b>e</b>	§ §				000,1	On!	ş	§	٠.	ģ <b>\$</b>	⊋		ā		ç	ទីខ្ល	2	9							ç	<u>ş</u> 5		8	900	<b>₽</b> ¢	2			-		2,000			90,	3 8		100	;	2	
Section 304 EHS R	710		8		100	<b>5</b>	<u>8</u> 5		500	8		5	21	5 5	-			Ş	ł				100								200	50			1,000	ş	<sup>5</sup> 8	900		-					1,000	3 2		55	:	5 8 8	
Section 302 (EHS) TPG Section 304 EHS RG CERCIA R	000,01/01		160/10,300		000,0100	900	1,000		, 009	8		000'040	10/10,000	50/10,000	00/10,000			Ş	3				000107001								200	200			500/10,000	50000000	100/10,000	500/10/000		8					1,000/10,000	500/10,000		100/10,000		100/10,000 100/10,000	
in pounds unless otherwise noted)	99840 Theft CUM 100g	10044863	20010120 2001010 20010120 2001010 20010120 20010120 20010120 20010120 20010120 20010120 200101010 2001010 2001010 2001010 2001010 2001010 2001010 2001010 2001010 2001010 2001010 20	2164070 7783477 Theft minimum concentration 0.09%, 570-15	23136220	75218	1.08888 1.0 75569 10	301122	19500000 2497076 50	42874033 10028156 10	30525894	122837	2074502	56382 288000	12002038	2000 2000 2000 2000 2000 2000 2000 200	87865 1114712	40487421	500000	40321764 57117418	57117314	/801/ 82688	97865 9720565	504009 Release; minimum concentration 1%, STQ 10,000	382218 78115 Release: minimum concentration ACG, STQ 5,000, Theft	minimum concentration ACG, STO 400	199000 Release, refined to the consentration 1%, STG 19,000 199011 80,000 19,000 199011 80,000 199010 80,000 19901	62/202 Release, minimum concentration 6/6, STG 5/000, Theft.	S7330	8086339 Release: minimum concentration ACG, STQ 5,000, Theft	79210 Release: minimum concentration 1%, \$10 10,000	12/184 594423 Release: minimum concentration 196, STO 10,000	7616948 Theft minimum concentration 25,87%, STQ 45 52845531	G2442	85018 108852 8	114261	4418680	26002802 58765	72490018	23564069	88545 108452	00500	615261 624160	123015	50003	62364	10453068	2007-100 2007-100 1008-5	57410	288022 410447 10	
	A METHYLPHO ODILIM COMPI	ORYZALIN	OSMICM CALDE COOK (147)	OXABANI OXABANI OXABANI OXABANI OXABANI OXABANI OXABANI OXABANI	OXAMYL DYAMYL	OXETANE, 3,3-815(CHLOROMETHYL)* OXIRANE	OXIRANECHLOROMETHYL.)- OXIRANEMETHYL-	OXYDEMETONMETHYL	DXYDAZON DXYDISULFOTON ·	DXYFLUORFEN	PARAFORMALDEHYDE	PARALDEHYDE	PARAGUATMETHOSULFATE	PARATHION DADATHION-METHY	PARIS GREEN	PCBS	PCP OCENIE ATE	NITEMAN	NZENE	PENTACHLORODISENZODIOXIN PENTACHLORODISENZOFURAN	PENTACHLORODIBENZOFURAN	PENTACHLOROETMANE PENTACHLORONITROBENZENE (PCNB)	PENTACHLOROPHENOLP	PENTADIENE	1,1,3,3,3-pentarluoro-s-(trifluoromethyl)-1-prope Pentaerythritetetranitrate or Petn		PENTANE		PENTOBARBITALSCOOKUM	PENTOLITE	PERACETICACIO	PERCHLOROETHYLENE PERCHLOROMETHYLMERCAPTAN	PENCHLORYLFLUORIDE PENCHLORYLFLUORIDE	PHENACETIN	PHENANTHRENE	PHENOLMETHYLETHOXYMETHYLCARBAMATE	PHENDLMETHYLETHYLE, METHYLCARBAMATE PHENDLTHIOBIS(4-CHLORO-6-METHYL-	PHENOTHRIN	PHENOXYPHENOXYETHYLCARBAMICACIDETHYLESTER	II OF PHENYLOICHLOROARSING PHENYLENEBISIMINOCARBONOTHIOYLBISCARBAMIC ACIL	PHENYLENEDAMINE PHENYLENEDAMINE	PHENYLENEDIAMNE PHENYLENEDIAMNE	PHENYLENEDIAMINEDIHYDROCHLORIDE PHENYLENEDIAMINEDIHYDROCHLORIDE	PHENYLENEDISOCYANATE	PHENYLENEDIISOCYANATE PHENYLHYDRAZINE HYDROCHLORIDE	PHENYLMERCURIC ACETATE • PHENYLMERCURY ACETATE	PHENYLMETHYLFURANYLMETHYLDIMETHYLMETHYL	PHENYLENIAND. PHENYLENIAND. PHENYLENIAND.	PHENYTOIN	PHORATE PHORACETIM	NA II NA III
NAM MAN	shodium Complex (PMN-82-147)	oxide OsO4 (T-4)		-dicarpoxyne acid, dipoleasium	Oxerane; 3,3-bis(chloromethyl)+		Oxforms, methyl						Paraquet methosultate Paratrion			DOD DOD	Pabulate		enzene enzene			12010			Dentane		1-Pentene 2-Pentene, (E)-			Persostio acid		Perchloromethyl mercapten		Phanacetin		Phendi, 9-(1-metrylethyl)-, metrykorbamata		Phenoxamina, 10,10-oxydi-	(2444-Thenbxyphienbxy)etryl carbamic acts etryl ester Phanyl dichloroarshie	(1,2-Phanylenebla(kminocarbonathloyi)) blacarbamic acid dilath Ph 1 2-Phanylahadiamina			1.4-Phanylandlamine dihydrochloride 1.3-Phanylane dileocydnate			sthemoth/Lamphons	2-Phenylphenol			Phosacotin Phostoian	Phosonon

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10,000 20,000 10,000

NAME Phosphanidon	NAMENDEX CAS/313 Category Codes PHOSGENE 7543	167	Section 302 (EHS) TPC 10	Section 304 EHS RG	RA CERCLA RA 8	10 313 PDES 500	500	a
		minimum concentration 0,17%, STQ 15	!	• 1	•		}	
Phosphine Phosphonic soid, (2,2,2-triphiors-1-tydroxyethy), dimethyl est PHOSPHINE	PHOSPHAMIDON BY PHOSPHINE	13171216 7803512 Release: minimum concentration 1%, STQ 500, Theft	8 8	88	8	313 2096	5,000	
Phasahanathiala add, methyl-, O-ethyl O-(4-(methylthia)ahan		minimum concentration 0.67%, STG 15 52686			ā	×		
Phosphonothiolc acid, methyl-, S-(2-(bis(1-methylethyl)amino		2703131	200	900				
Phosphorothjolo acid, methyr-, O-(4-hitrophenyl) C-phenyl as Phosphoric acid		200220819	9 95	2 8				
Phosphorio scid, 2-chloro-1-(2,3,5-trichlorophenyl) ethenyl di		7064382			5,000	2		
Priosprond add, 2-dichiproetrery) umenyl esier Phosphoric add, dimethyl 4-(methytthlo) phenyl esier		62737	1,000	ō	ę	××		
Phosphoradithiola sold O-ethyl S.S-dipropyl ester		3254635	200	200				
Phosphorothoic acid, C.C-diethyl-C-(4-dirophenyl) ester Phosphorothoic acid, O.C-direthyl-C-(2-(methylthio)othyl)est		56362	9	000,01	ţ.	, 808		
Phosphorous trichlorida	THYLMETHYLTHIO	2587908	200	200	: !		;	
Phosphorus Phosphorus (vellow or white)	PROSPHOROUSTRICHLORIDE PHOSPHORUS	7719122 7723140 Theft, mislimum concentration ACG, STO 400	98	000	1,000		15,000	
Phosphorus exychloride		77723140	92		-	313		
Phosphorus pentachloride	PHOSPHORUS OXYCHLORIDE	10025873 Release: minimum concentration 1%, STG 5,000, Theft: minimum concentration 80%, STG 220, Sabotace:	8	000,	000'1		2,000	
		minimum concentration ACC, STO APA						
Phosphorus pentabromide	BUSO HOSENSE STROHOSCHO	7788897 Sabotage; minimum concentration ACG, STQ APA	005	0				
Phosphorus trichlorids	PHOSPHORUS PENTASULFIDE	7719122 Release: minimum concentration 1%, STQ 15,000. Thert.		}				
		minimum concentration 3.48%, STQ 45, Sabotage: minimum concentration ACG, STQ APA						
Phosphorus pentraulfide	-	1314903 Sabotage: minimum concentration ACO, STQ APA	į		;			
Phosphory chloride Phthalate Exters	PHOSPHORUS TRICHLORIDE PHOSPHORYLCHLORIDE	Z/18177 (10028873	2000	88	0001		5,000 5,000	
Phthalic anhydride	PHTHALATE ESTERS				i	;	!	
Physostigmine salesdata (1.1)	PHTHALICANHYDRIDE PHYSOSTIGAMNE	85478 57478	100/10/00	ē	2,000 20,	313 1/130		
Pictoram Pictoram	PHYSOSTICMINE, SALICYLATE (1:1)	57647	100/10/1000	8	ş	F188		
2-Picoline	PICLORAM	1918021			8	313		
Picrotoxin	PICRICACID	88801			300	313		
N,N+(1,4-Piperazinediyible(2,2,2-bichloroethyildene)) bistorna PICROTOXIN	R PICROTOXIN	124878	500/10,000	200		3		
Ploenory butaxide	PRESENCE LEGIS ACCILCONO PALLO ENGINE PRESENCINE	110894 Release: minimum concentration 1%, STQ 10,000	1,000	1,000		κ	15,000	
Pertralfos-ethyl	PIPERONYLBUTOXIDE	51036				313		
Plumbaba tetramethyl-		28222837	ono't	000,1		313		
yls (PBBs)	PLUMBANETETRAMETHYL-	75741	8	8		:	10,000	
	POLYBROMINATED BIPHENYLS (PBBS)	NS75 NS89				939		
unds (includes only 19 chemical	POLYCHLORINATEDBIPH	1336363			-	323		
Polycyclic organic matter Doliment dishapping the discounts	POLYCYCLIC AROMATIC COMPOUNDS  BOLYCYCLIC DROBALITY THERE	028N			1	3134		
	POLYMERICD/PHENYLMETHANEDI/SOCYANATE	90/0879				313#		
		0 0			١.	ć		
Potestatin antendo		7784410 10124502	500,10,000		- 1	3 25		
ą		3811049 Theft minimum concentration ACC, STQ 400			ţ	ć		
Potassium chromate Potassium chromate		7768012			<u>&gt;</u>	515 515		
		7789006	;	;	5:	3130		
Potassium dimetryldiffacarbamate Potassium hydroxide	POTASSIUMCYANIDE POTASSIUMDIMETHYLDITHIOOARBAMATE	153598 Saborage: minimum concentration ACC, STG APA 128630	3	2	2	313 POBS		
Potassium N-methyldithlocarbamete		1310563			1,000	: ;		
Potassium permanganate Potassuum olitato	POTASSIUMMETHYLDITHIOCARBAMATE	137417 7757791 Theft minimum concentration ACG, STQ 400				313		
	ш	7722647			001	અઝ		
Dorborel we sking control	POTASSIUMPERCHLORATE POTASSIUMPHOSPHIOF	7778747 Theft minimum opnosities ACG, STQ 400 20770418 Sabotaca: minimum consentation ACG, STQ APA						
Profetofos	VERCYANIDE	508516	900	٠		313c P09D		
Promocard	PROPENDIOS	4119B0B7 2631370	50070,000	1 000	1 000	313 P201		
Pronamide		7287196		!		313		
Propachior 1,2-Propadiene		23850585 1918167			2,000	313 U192 313		
Propadene		453490 Release: minimum concentration 1%, STQ 10,000					10,000	
4-tropane Propane	PROPADIENE PROPANAMINE (DHS 1SOPROPYLAMINE)	403490 75310 Release: minimum concentration 1%, \$TO 10,000					000,01	
Propane, 2-chloro-	PROPANE	74996 Rejease; minimum concentration 1%, 5TQ 60,000					10,000	
Propere 1,2-dichloro- Propere, 2,2-dimethyl-	PROPANEOTHLORO- PROPANEOTCHLORO-	78575 78875			000,1	x nobs	00,00	
Property 2-methyl	PROPANEDIMETHYL (DHS 2,240IMETHYLPROPANE) DRODANEMETHYL	463621 Release; minimum concentration 1%, STQ 10,000					10,000	
Propagation, 2-mathyl-	PROPAGAINE	10720 Relisese: minimum concentration 1%, STD 10,000	200	0,	ģ	2	10,000	
Property sullons	PROPANCEULTONE	112071	oor'i	3	<b>p</b> :	X U193	96,000	
Propertile Propertile	PROPANESULTONE PROPANIL	1120714 709988			ģ	313 0183		
Propargyl atoohol	PROPARGITE	2312358			5	313		

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PROPARGY, ALCOHOL	701/201	2019 \$15		2001	3	
PROPAROYL BROMIDE PROPENAL	105867 107028 107340	2 <b>8</b> 8	2 - 8	-	× × >	5,000
PROPENE PROPENE GOODENIA	115071 115071 115071	3	8		××	000
PROPENCY CONTRACT PROPENCY PROPENCY PROPERTY PRO	590216 557862					000,01
PROPENEMETHYL- PROPENEMILE	115117 107131	10,000	100	8	800N X	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
PROPENCINTRILEMETHYL. PROPENCI	1720937 107186 on accep	00°, 5	8 8	90,5	X Poos	15,000
PROPEROY LCHICKINE PROPETAMPHOS DECOLUMN	#5891215 #5891215	3	3	1,000	313 U373	
PROPICIONAZOLE PROPICIACTONE	60207e01 5757e	909	5	2	313	
PROPIONALDEHYDE PROPIONICACID	122366 770004			900	e e	
PROPIONICANIFYDRIDE PROPIONITRILE PROPIONITRILE PROPIONITRILE PROPIONITRILE	1420.00 1972 Release: minimum concentration, 1%, STG 10,0D0 427187	500	1000	50	P101 X P027	10,000
PROPERIONE, 4-AMINO PROPEDOYE IN A FAMINO PROPEDOYE IN	70000 70000 114263	100/10/000	ē	ē	313 U411	
PROPYLAMINE	107/05 107/05 100/05 ETC - 10 ETC	Ç.	Ş	5,000	1194	000.51
PROPYLENE	1950 13 Seleates, INNINAM Concentration 1%, 512, 19,000 1550 16,000	000	} .	•	313	9 9
PROPYLENEIMNE PROPYLENEOXIDE	75569 Release: militarin concentration 1%, 510, 19,000 75569 Release: minimum concentration 1%, 510, 19,000	10,000	- 5	. 8	343	000,00
PROPYLTRICHLOROSILANE PROPYNE	7410/1 Saborage: minimum concentration ACS, 514 ATS, 74697					10,000
PROPYNE	74997 Release: minimum aondentration 1%, STG 10,000 2275185	100/10/1001	90			0000
PYRENE SUSTAINS	129000 121211	1,000/10,000	2,000	1,000		
PYRETHRINS	121280 80083-7			<b></b>		
PYRICINE	110861	500000000	900	000,1	313 U196 PR08	
PYRIDINEAMINO- PYRIDINEMETHYLPYRROLIDINYL(S)-	54115	100	9	9	P075	
Pyridine, 4-nitre, 1-oxide 2.4.1H 3H-Pyrimidhedione, 5-bromo-6-methyla-1-4-nethyla-PyriDiyEn/Pyr	140761 (124330	500/0,000 500/10,000	8 8			
PYRIMIDINEDIONEBROMOMETHY LMETHY LPRO	5340x196 53558251	100/10:000	9		×	
DUNOUNG	91225			5,000	313	
CUNTONE	88588 44888444			ģ	313 0185	
QUINUCLIDINYLBENZILATE (82)	101924/ 6286568				į	
QUIZALOFOPETHYL RDX AND HMX MDXTURES	76576148 121824 Release: minimum concentration ACG, STG 5,000, The	£Ł.			25	
	minimum concentration ACG, STQ 400			9	5	
RESERVICE	50555 10453868			more	313	
RESORCINOL	108463			999	10201	
SACCHARIN AND SALTS	81072			8	0202	
SAFROLE	94597	500/10,000	88	<u>8</u>	313 0203	
SARIN	107448 Theft CLIM 100g	2	9	;		
SELENTOUS ACID SELENIOUS ACID. DITHALLIUM(1+) SALT	7763008 12030520	1,000,010,000	Đ	1,000,	3136 U204 3136 P114	
SELEVIUM	7782482 NYPIE			ģ. I	373 575	
SELENDACOMPOSADS	7448084			5	3130	
SELENIUMHEXAFLUORIDE SELENIUMOXYCHLORIDE	7783791 Theft minimum concentration 1,57%, STQ 15 7791233	88	200		3130	
SELENIUMSULADE	7488564			10	3130 U205	
SELENDUREA SEMICARBAZIDE HYDROCHLORIDE	5524T	1,000/10,000	1,000	3	3	
SETHOXYDIM	74051802 7803625 Release: minimum concentration 1%, STO 10,000				919	10,000
SILANE, CAMINOBUTYLIDIETHOXYMETHYL- SILANE, CAMINOBUTYLIDIETHOXYMETHYL- SILANECHI, ODOTOMICTAY)	2037727	1,000	1,000			16,000
SILANEDICHLORO	4109880 Release: minimum concentration 1%, STQ 10,000. Their minimum encommission 10,27%, STQ 45,		:			10,000
SILANEDICHLORODIMETHYL	75785	200	200			5,000
SILANETRICHLORO-	1002575 Release: minimum concentration 1%, STQ 10,000. Cabotaca: minimum concentration ACO, STO, APA					10,00
SILANETRICH, OROMETHYLA	75796 ACOSOLA Subvision minimum concentration ACO STO APA	500	8			5,000
	7783611 Theff minimum concentration 15%, STO 45					

NAME Süber cyanide	CAS/313	DHS STC (in pounds unless otherwise hoted)	Section 302 (EIIS) 174	The contract of the contract o	CENCED IN	313 3136 P104	
Silver nitrate	SILVERCYANIDE SILVERNITRATE	7751888			÷ 5	3130	
Simazine		83721 122348			<u> </u>	313	
Sodium Sodium arbenato		7440235	1,000/10,000	-	2	3136	
200 Z		7784465	500,10,000		50	313 P105	
9		8628228 Theft: minmum concentration Acid, 31년 4년 8888019	200	2001	2	3130	
	SOBIUM BIFLUORIDE	1333831			100 5,000		
ete		124652	100/10/10	901			
		7775089 Theft minimum concentration ACG, STG 400			5	3130	-
(CN))		143339 Sabotage: minimum concentration ACG, STQ APA	400	9	<b>£</b>	313c P106	
e) diline (e)		1982690				323	
		120041 2584153B					
nesultonate		7775148 Sabotage: minimum concentration ACG, STQ APA			1,000		
		7681484	;	;	00.1	949 00/60	
		62748	10/10/200	2	2000	20120	
		1310732			1,000		
Sodium hypochiatte		7681528			6 6 7		
		10022705			000'1		
Sodium methykiithiocarbamate		137428			ę.	× es	
		7632000 7631994 Theff minimum contentration ACG, STQ 400			ì	ŀ	
Sodium pentachlorophonata		13(522				313	
		132274			5.000	200	
		7008794			5,000		
-		10140855			000		
Society prospiets, transfer Society chosphate, tribasio		7801548			9,000		
		7785944			5,000		
		10101890			2003		
Sodium phosphate, tribasic		10124568			000's		
		12058854 Sabotage: minimum concentration ACG, STG APA					
Sodium phosphide		7558607					
Sodium selenate		831527 13410010	100/10,000	100		3130	
Sodkum sejenite	SOOILM SELENATE SOOILM SELENTE	7782823	0000		8 5	338	
Sociem tellurite		10102188	500/10/000	2 S	3	3	
Stannane, acotoxytiphonyl-		10102202	200,01,000	200			
1000		7803523 Theft, minimum concentration 0.67%, STQ 15				1206	
Strontum chromate		18883a64 77880h62			- 5	313c	
		12504164 Sabotage: minimum concentration ACG, STQ APA					
Strontium phosphide Strothile		13450892	1000000000	0	6	313c P108	
Strychnine and eaths		8+2N		!	;	313	
Strychnine, and saits Strochnine authore		57249	40000	Ş	5 5	30.5	
Styrente	STRYCHNINE, SULFATE	100425		ŧ.	1,000	313	
Styrene oxide		96099	000	Ę	§ §	2 20 100	
Sufficience, 3-chloropropyl ectyl	N OCTA	3568571	88	88			
de service	SULFUNIOR; SAMEONOT NOT 1: CO. 1: SULFUNIOR HIGHER	105680	009	Ş			
Sulfur dloxide (anhydrous)		7446095 Releases minimum concentration 176, 3-10, 3,000, 11910, minimum concentration 84%, STQ 500	3	1			i de
Sudden Burnelle (SPA) (144)		7446086	8 5	8 E			2,500
Sulfuric acid		77864939 77864939	000'1	000,	1,000	ě	
Sulturio acid (aerosol forms only) Sultimo acid (fumino)		7864939	1,000	000,1	0.00	818	10,000
Subtrate acid, mixture with sulfur trioxide	SULFURICACID (FUMING)	8014957 8014957			8,8		10,000
Suitur monochionde		12771083 1005670			900		
Suffur phosphide Subtractionals		1314803	Ę	8	100	0189	2,500
Sufur violds		7783500 (reteass: minimum condentwater 172, 514, 2502, 11104, minimum concentration 1,33%, STQ 15	ŝ	1			900
		7446119 Release; minimum concentration 1%, STQ 10,000	<del>1</del> 00	9			20,00
Sulfuryi fluoride		2699708				373 373	
Suprotos 2,4,5-T acid		35400432 03785			1,000	2	
2,4,5°T amines 2,4,5°T amines		1318728			000'S		
A. A. T. Sandanas	T AMINES	2008460 3813147			2,000		
2,4,5-T amines							

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Column   C	a	TAMINES	congenion			3		
1   1   1   1   1   1   1   1   1   1		TESTERS	6346677 83786			5,000		
1   1   1   1   1   1   1   1   1   1		T ESTERS T ESTERS	1928478 2545597			0001		
Thirds   Third   Thirds   Thirds   Third   Thirds   Thi		T ESTERS .	25188154 61792072			000,1		
This production   This produ		T SALTS TABUN	13560001 77616 Thert CLM 100g	5	5	1,000		
Triple-Common	-	TEBUTHURON TELLURIUM HEXAFLUORIDE	34014181 7783804 Theft minimum concentration 0,83%, STQ 15	9	ã		313	
TEMPOR OCCUPATION   TOTAL		TEMEPHOS TEOP	3383058 107403	ã	ā	ą	313	
TETROCACAGO CONSTRUCTOR   TETROCACAGO CONS		TERBACIL	5902512	: ;		!	343	
Trition (Control of Control of	I A snizene	LERBUTUS TETRABROMOBISPHENOLA	7987	3	3		313^	
THE PROPERTY CONTRICTORY   THE PROPERTY CONTRI	enzofuran benzo-cadloxin (TCDD)	TETRACHLOROGENZENE TETRACHLORODIBENZOFURAN	85843 51207319			2,000	313A	
The Control		TETRACHLORODIBENZO-P-DIOXIN (TCDD)	174016			- 5	3131A	
This cold cold cold cold cold cold cold cold		TETRACHLOROETHANE TETRACHLOROETHANE	550205 78545			38	313 U208	
THE CALL CONTINEENT AND STATES   STATES		TETRACHLOROETHYLENE TETRACHLOROETLOROETHANE (FOFC/121)	127164 354143			8,	313 U210 313	
### ITTIONCLICATIONS   1971   1972		TETRACHLOROFILANE (HCFC-121A)	354110			ç	343	
Transcriptoration   Tran		TETRACHLORVINPHOS	36111\$			2	313	
Triple   T		TETRACYCLINEHYDROCHLORIDE TETRAETHYLDITHIOPYROPHOSPHATE	94755 3882245	009	6	901	343 P109	
	phate	TETRAETHYLEAD	78002	6 5	ō s	5 5	313c P110	
Comparison   Com		TETRAETHYCTIN	587648	85	8	2		
STATE   STAT	otryt-2(1H)-pyrinkihone(3-(4-(triflusion stryt-2H-1,3,5-triledazine-2-triono	*** TETRAFLUOROETHYLENE TETRAHYDRODIMETHYLPYRMIDINONETRIFLUOROME	116143 Release: minimum concentration 1%, STQ 10,000 67485294				×	10,000
TETNAMITONETHANE   1997   100   10	ethyl-214-1,3,5-thladiazine-2-thone, ion(	1-), TETRAHYDRODMETHYLTHIADIAZINETHIONE TETRAHYDRODMETHYLTHIADIAZINETHIONEION(1	533744 53404607				××	
TETPAMTFACTIONE   TETPAMTFAC	loydopropana carboxyllo acid cyano(3-p	HeLTERAMETHRIN TETRAMETHYLCYCLOPROPANECARBOXYLICACIDCYANO?	7696120 38515418				e×	
TETNAMTIONETHANE   STAFFEZ Pleases, informer concentration ACO, STO, On the production ACO, STO, On the producti		TETRAMETHYLEAD TETRAMETHY SI ANE	75741 Release: Infolmum concentration 1%, STQ 10,000 75763 Release: Infolmum concentration 1%, STO 10 000	100	100		3130	00000
FTRANTICALE   FTRANTICALE   2004-06   100   10		TETRANITROANIENE	53014372 Release: Illimitation concentration ACG, STO 5,000. The	ע				2
Health Control			minimum conformation Auct, s is us an eminimum conformation Auct, s is us an exceptable SDD 40,000 288948 Release: minimum concentration ACG, STO 5,000. The	900 1	6	ę.	P112	10,000
177-1525   177-1525			minimum concentration ACC, STQ 400 1881779 2472-2472					
HAMELONE MARCHENIES   1999   1900			1314325			8	313a P113	
THALLUNCALCABLO ATTENDED			7440280 56388			90.00	313c U214	
HALLIDAGE CHRONIC STATE			9620239	100/10/00	8	8	3130 U215	
THALLUMEULANTE   TOTOGNESS			779/120 N760	000,01/001	8	٤į	313c U216 313	
THALLIDINGUISTATE   THAL			10102451	500 00000	Ş	5	313c U217	
THALLOUS CARBONATE   TOTAL CAST SHOWER   TOT			7446186	100/10,000	3 8	9 8	313e P115	
THANGLOUS GANDANTE			6533739	100/10/1001	ទិន	8 5	313c U215	
THINDLO2DIE			2757188	100/10/001	88		24.0 - Cad	
THIAZOLYLEREXIMIDAZOLE	enzimidazole		148798	oran oran	3	3	343	
THIODICARIAN   THIO		THIAZOLYLBENZIMIDAZOLE	148798 A2886			ţ	XX	
THOCACKALOLOGY   THOCACKALOCY   THOCACKALOLOGY   THOCACKALOGY   THOCACKALOLOGY   THOCACKALOLOGY   THOCACKALOLOGY   THOCACKA		THOSENCARS	26249776			<b>!</b>	313	
THIODICIA-AR   THIODIC AR   THIO	hyt estar	OMETHYLES	2221574 556940	1,000,10,000	000,01			20,000
High-Auton			139851 Soleconen	•		ę	313	
THODIOLOGY			38196184		9	8	P045	
THIONYCALCHORD		NO.	111488 Theft, minimum concentration 30%, STQ 2.2 74931	200	901	100	X U153	10,000
HIGDSHAMTEETPY, 2585469   10   10   10   10   10   10   10   1			287972 77-20107 Sabotrate: minim: moneodrafico 600, STO 606	200	ğ	90	P040	
THIGODERINGLAND			22564069			ç	313	
HIGHSEAN   100			10686	500	5	8	P014	
THOUREACCENCROPHENT, SCHEET (00000 100 100 100 100 100 100 100 100	henyi)-	I NOSEMICANBADUE THIOUREA	78187	DOD'S LOCAL	3	3 6	313 UZ19	
THIOUREANAPHTHALENYL 86684 5001000 100 100 107 171000 100 100 100 10	shenyi)- lanyi-	THIOUREA, (2-CHLOROPHENYL)- THIOUREA, (2-METHYLPHENYL)-	5344621 814788	100/10/000	5 g	8	P028	
THOM INTO THE PROPERTY OF THE	•	THIOUREANAPHTHALENYL- THIRAM	66684 137268	500/10/000	9	<del>5</del> 5	P072	
10Z+1/S1	1014) (14)	#UNDINAL BROWN	1314201			!		

200173 20																																																
		-							•		Intmum representation ACG, STO	STATEMENT CONTRACTOR AND								Concentration ACG	Contraction Contra	oncontration 1%, STQ 5,0	concentration ACG, S1Q	minimum concentration 80%, STQ	OTS 406 coltestaspes mimician	minimum conceptation of 76, or 4	minimum concentration 60%, 51O 23 minimum concentration 6 93%, STO	se: minimum concentration 1%, STQ 10,000.	minimum concentration 68,67%, STO 500			Release: minimum concentration 1%, STQ	Office and Consequential 196, S.T.O.	ge: minimum concentration ACO, S'				( to ) 1000 - 10	Their minimum concentration 50%, 510	mnmum concentration ACG, STQ 5,000,	minimum concentration ACG, STQ 400	Release: minimum concentration ACG, STO 5,000.	Release: minimum concentration ACG, STQ 5,000.	concentration ACG, STG 400	minimum concentration ACC, 510 5,000, concentration ACC, STQ 400			
[發亞於古 著法 言父   」 # \$	2534955	2302175 2303175 1031476	68768	7500480	1983104	78488	52686 78028	1558254		70005	78016	75894	504423	490c/	25167822	15950680	933766	86854 25	88062			0025782	1005.14	102716 T	7,1455.2				-	48806504	26844462				18938220	824113	540841	2655154	121 CA							•		

TRICHLOROPHENOLA TRICHLOROPHENYLSILANE (DHS PHENYLTRICHLOROSILA TRICHLOROPROPANE TRICHLOROSILANE

TRIETHANOLAMINE TRIETHANOLAMINE DODECYLBENZENE SULFONATE. TRIETHANOLAMINE HYDROCHLORIDE TRIETHONYSILANE TRICLOPYRTRIETHYLAMMONIUM SALT

TRIFLUOROACETYLCHLORIDE TRIFLUOROCHLOROETHYL

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TRIFLUGROMETHYLPYRIDINYLOXYPHENOXYPROPANOIC TRIFLUGALMI TRIEGRINE TRIMETHYLAMINE TRIMETHYLDED\Z

Titnethylamine 12,4-Titnethylbenzene Tamethylchloroslane 22,4-Titnethylhexamethylane dileogranate

2.4.4-Trimetrylhoxamotrylene discoyanete Trimetryleipropane phosphita 2.2.4-Trimetrylpentane 2.3.5-Trimetrylphenyi metrylkarbamate

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CARCETHY, SILANE (DAS ETHYLTRICH, DROSILANE)
CAROFILUSONETTHANE
CAROMILUSONETTHANE
CAROMICHETHANESULEENY
CHORDOR

LOROMETHYL)SILANE HLOROPHENYL)SILANE

ETYL CHLORIDE

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CASJ 313 Category Codes DHS 570 (in pounds unless otherwides noted) Section 302 (EHS) TPQ Section 104 EHS RQ CERCLA RQ Section 311 RCRACODE CAA 112(1°) TQ 72550450 Felesser, retiremum concentration 114, 570 5,500, Thert 100 1,000 (1,000 313 annion concentration 13,29%, STO 48, Sebasge:

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TOLIDNE
TOLINEBHYOROCHLORDE
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NAMEINDEX TITANIUMTETRACHLOR

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TRINITROBENZENESULFONICACID

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Section 302 (EHS) TPG 8	000000000	100 100	1,000/10,000 100/,01/00	1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000	100/10,000 100/10,000	10040,000
CAS/313 Catagory Codes DKS STQ (in pounds unless otherwise noted)	120008 Reviews runimum concentration ACS \$170.000 Their minimum concentration ACS \$170.400 (8080) Reviews runimum concentration ACS \$170.400 (8080) Reviews runimum concentration ACS \$170.5000. Their architecture of \$170.900 Contentration ACS \$170.5000. Their concentration ACS \$170.5000. Their endings runimum concentration ACS \$170.5000. Their endings reviews and section ACS \$170.5000. Their endoness minimum concentration ACS \$170.5000. Their endoness minimum concentration ACS \$170.5000.	0,000 Pt 17 That CUM 100g 0,000 Pt 100g 0,000 Pt 100g 0,000 Pt 100g 0,000 Pt 100g 1,000 Pt 100g 0,000 Pt 100g 0,00	12A470 51786 2001668 7-44082 1514021 2774138 7774 38 2009798	104/1748 (1990) 108054 (abbase: rnichnum concentration 114, STO 10,000 108057 (Selease: rnichnum concentration 114, STO 10,000 263907 (Selease: rnichnum concentration 114, STO 10,000 10802 (Release: rnichnum concentration 114, STO 10,000 10802 (Selease: rnichnum concentration 114, STO 10,000 17804 (Selease: rnichnum concentration 114, STO 10,000 17805 (Subbase: rnichnum concentration 114, STO 10,000	NN7. NN7. NN7. 81812 1.28066 1.08083 1.08083 1.08083 1.080776 1.080776 1.080776 1.440806 1.440806 1.440806 1.450808	7/694543 9-846559 7/644657 N962 59/721 99/77695 Sabolage: metimun concentration ACO, STO APA 7/77695 The metimum concentration ACO, STO APA 7/77695 Their metimum concentration ACO, STO APA 7/77695
CAS/31					*	<b>g</b>

313 U078

X 313c POD1 313 X 313c POD1 313c PO39 313 U239 313 U239 313 U239 313 U239

ARIN AND SALTS. PARIN SALTS, WHEN PRESENT AT CONCENTRATIONS PARIN SODIUM. 800,000,000

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SR-CHLOROETHYLJAMNE SK2-CHLOROETHYLJAKSINE SDIBROMOPROP SDINETHYLGARBAMODITHIOATO-S,SYIRON DIMETHYLTRIFLUOROMETHYLYPHENYLY

Urea, N.N-dimethyl-N-(3-(enfluoremethyl)phonyl)-

Trypan blus Uradi mustard Uranyi ocetate Uranyi nitrate Uranyi nitrate Unotharso
Valenceying
Valenceying
Variabium (sexpet when contained in an alby)
Variabium pertoxide
Variabium pertoxide
Variabiq siliatio
Variabium Compounds

TRYPAN BLUE
NOSSTEMBLYAFLUORIDE
URACIL MUSTRAPA URANIUMHEXAFLUORIDE
URANIVA GETATE
URANYA GETATE
URANYA INTRATE

Section 302 (EHS) TPG Section 304 EHS RQ CERCLA RQ Section 313 RCRACODE CAA 112( r.) TQ

TRINITROCHLOROBENZENE

NAME

TRINITRO-META-CRESOL TRINITRONAPHTHALENE

TRINITRORESORCINOL

TRINITROPHENOL

PRINTROTOLUENE

Triphenyllin hydroxide Tris(2-chloroethyl)emine

TRINITROPHENETOLE

**PRINITROFLUORENONE** 

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The Change of Lagrand Annual A				5,000	
richlored Lovernettanne (CAS No. 75-48-4, RCRA Vitaste 1/12)  1/21)  1/22)  1/2					
17(2))  Observation receives No. 70-60-6; RCRA Viewer No.  Observation receives the control of t				9	
olicowing apart non-halopentated solvents and still bottom necessary: necessa				5,000	
moneying, and control and cont				901	
olyane (CAS No. 1730-CP2, TROSPA Visita No. UZZS)  olyane (CAS No. 1747-78-4, RGRA Visita No. UZZS)  by) acestra (CAS No. 1747-78-4, RGRA Visita No. U112)  by) learner (CAS No. 100-41-4)  RGRA Visita No. U117)  Suny alconto (CAS No. 100-40-4), RGRA Visita No.  ydolorisantone (CAS No. 100-40-4), RGRA Visita No.				i i	:
Typlenzene (CAS No. 100-41-4)  Byl efter (CAS No. 100-41-4)  Byl efter (CAS No. 100-10-1, RCRA Visite  1161)  Byl efter (CAS No. 109-10-1, RCRA Visite  Byl electrol (CAS No. 17-40-3, RCRA Visite No.  Bylo plensennene (CAS No. 100-40-1, RCRA Visite No.  Bylo plensennene (CAS No. 100-40-1, RCRA Visite No.  Bylo plensennene (CAS No. 100-40-1, RCRA Visite No.  Bylo plensennene (CAS No. 67-56-1, RCRA Visite No.				100 1,000 5,000	593
into lating (LAC) no. colores, rector water no. Cl. 17)  serial period (LAC) No. 71-36-3; RCPA Water No.  Bury, alcono (CAS) No. 71-36-3; RCPA Water No.  Serial period (CAS) No. 100-04-1; RCPA Water No.  Serial period (CAS) No. 100-04-1; RCPA Water No.  serial (CAS) No. 07-56-1; RCPA Water No.  serial (CAS) No. 07-56-1; RCPA Water No.  U. 54)				5,000	
Party leadurly restructions. No. 100-10-1, ROAA Velase Barty alcontol (CAS No. 71-35-2), RCRA Velase No. Petropresentone (CAS No. 100-64-1, RCRA Velase No. petropresentone (CAS No. 97-56-1, RCRA Velase No. petropresentone (CAS No. 97-56-1, RCRA Velase No. 11-54)				į	
-Benyt alcono (CAS No. 71-35-5), RCPA Whate No. Optobrosencon (CAS No. 106-64-1, RCPA Whate No. orbanol (CAS No. 97-56-1, RCPA Whate No. 11-54)				3	
yjdohexanoro (CAS, No. 108-0641, RCRA/Vkaza No. pranoi (CAS, No. 67-5641, RCRA/Vkaza No. U154)				5,000	
7) ethenol (CAS No. 67-58-1, RCRA Wasta No. U154)				5,000	
				2,000	
following spent not-haloganated solvents and still bottom				9,000	
Trom recovery: (a) Cresols/cresylic scid (CAS No. 1319-77-S, RCRA Wasts				100	F004
No. UUDZ) (b) Nitobentzane (CAS No. 88-05-3, RCRA Weste No. U189)				100	
The following spent non-halogenated solvents and still bottom				1,000	
(POCOVERY):				ş	5003
(a) Johannia (Laha Na), Uchadoda, Marka Wali (AZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ				1,000	
P.) earbon disustide (CAS No. 75-15-0, RCRA Waste No.				2,000	
POSZ) An kopintanoj (CAS No TRAPO) (PCRA Vidada No. 11940)				90	
(a) Pyridine (CAS No. 110-88-1, RCRA Whete No. U198)				9,000	
Wastewater treatment sludges from electroplating operations (w/kome extentions)				1,000	
Spent cyanus plating bath solins, from electroplating Plating buth residues from electroplating where oven late are				55	F008 F007
peed				ş	9001

NAME CAS/313 Catagory Codes DHS STQ (in pounds unless otherwise noted) Section 302 (EHS) TPQ Section 304 EHS RQ	CERCLA RO	Section 313 RCRACODE CAA 112( r.) To
Councibing bath residues from metal heat tenting where	g	
variates all used used. Sport such that the process of the process	01	7010
Carolinian treating was executed to the caroling the caro	10	F011
where opinities are used where the second convenion.	10	F012
Valentemore conflict or of tribetandscopherio or derivative	10	FO19
The state of the state of particular state of the state o	-	F020
intermediate for entrellations and an entrellation and an entrella	•	F021
alksinne conditions Visitos from met, prod, on equip, previously used for	<b>~</b>	F022
frikktrachlorophenoj Viesinas from producton of chlorisalski alphato hydrocarbons	<b>+</b> -	F023
(2) (2) (2) (2) (2) (2) (2) (3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	•	F024
hydrocarbons, (C1-C2) Weste from equipment previously used to prod	-	F025
trizippenturewatcinobenzones trizippenturewatcinobenzones trizippenturewatcinopenzones trizippenturewat	<b>-</b>	F026
of definitions of conteminated with a contemin	<b>-</b>	F027
3,4022,4927 s residuals from wood preserving using	-	F028
Valadium (process residuals from wood preserving units)	~	F032
Secrete American Secretary oxidates from wood preserving using	-	FD34
ansonio or dinomum Patookun refinany primary olivaaladikal separaton sludgo	-	F036
Pertoleum refinery secondary (emulicited) of weatherinolids		F037
Nephrabin NACIO Nephrabatra e indicator de la companya de la compa		F038
resource repair a analysis where you can be a second of the second period of the second period of the second of th	-	KDD1
and onange plates received from prod, of neightdate orange. Vistablewater receivers the dudge from prod, of neightdate orange	10	KODZ
pigments Visiabwaier featment abuge from good, of zinc yellew	10	, KD03
pgignents Wastewaler freatment aluigo from prod, of chrome green	p	K004
раднекта. Умакримает тиметте фидер from prod, of chrome oxide	10	KODS
green pgments. Vasabwater treatment aludge from prod. of fron blue pigments.	ō	9009
Over readue from pact, of stratte oade green pigments Date harbons man of a satisficial-back from mithalms	5 5	KD07 K008
Dist., close caus from proct. of consequently from the process of	<b>5 0 0</b>	K008 K010
Bottom stream from applicabile column in actylonibile prod.	ţ.	K011
Bottoms from scetabilitie purification column in sery/ontitie	4	KD13
soli bobbnes from the disk, of benzyl chloride Soli bobbnes from the disk, of benzyl chloride Houvy ands or disk, tradidies from prod, of curbon	5,000 10	K014 K015
hörda varia kron tis punikaston oblum ti nejakhlorotiyatin	-	KD16
prod. Heavy ends from the fractionalism column in eithyl chloride	ç	K017
prod,	-	KO16
prod. 	-	KØ19
Acqueue spent aminiony catalyst waste from fluoromotheree	-	KUSKI
Disk bottom the from prod. of phenokinosishe from currents	ō	K021
Diet. Light ende from prod, of phithable annydrides from	-	K022
this channes here pead, or pittulic arrivation from the channes are a ch	5,000	KD23
. Individual or	5,000	K024
Strapping all sile from the proof or freshy driving jorg/dises Carefut-backlet, ancluses from the latener diseographic proof. Strate dashloks from hydrochlarina for naction in prod. of 1.1.1- seckloroughlys from hydrochlarina for naction in prod. of 1.1.1-	10 1,000 10	K025 K028 K027

NAME	CAS(313 Category Codes DHS STQ (in pounds unless otherwise noted) Section 302 (EKS) TPQ Secti
Weste from product steam stripper in prod. of 1,1,1. trichloceshane	
Column bottoms/heavy ends from prod. of trichloroethylene and camplomethylene	
By-production sales generated in the prod, of MSMA and	
discossing and Vassis-water treatment sludige from the prod, of chloridane Vlastewasterida-ukwater from chlorimaten of cyclopeniadiene	•
in chlordane prad. Filter solids from filtration of hexachloracycloponiacliene in	
oblordance prod. Visabousett broatment studges from the prod. of creasobs Stall betterns from tribute redamation displayed in disullopn	
prod. Visadavaka fraetment skudges from the prod. of disulfaten	
Westowator from the weeking and ethipping of phorate	
production Filter cake from filtration of diethylphosphorodithiole adid in	
priorate proc.  Whatewater treatment skudge from the proci, of phorate Whatewater treatment skudge from the proci, of phorate Fleavy exclined ladge from one of formed processor in Z.4.5- Fleavy exclined from one of formed processor in Z.4.5-	
T prod. Yestewaloris results than the prod. of 2,4-to Wastewaloris resultment audige from manuti, and processing of	
oxploukee. Spent carbon from Teatment of washawater containing	
exploates audige from manufu,formulating,loading of lead- based intiading compact of the properties of the physical properties of	
industry Stop oli emulsion solids from the petroleum refining industry	
Heat exchanger bundle cleaning sludge from petroleum	
restring traceasy Apt separatar eludigs from the petroleum refining industry Tank bottoms (loaded) from the petroleum refining industry	
Ammonia still lime sludge from colding operations Eminiscip, control clustifeldige from primary prod, of steel in alarther tracement	
Spent polds injury generated by steet finishing (SIC codes 331 and 332)	
Acat plant blowdown ellury/ellurge from blowdown elury from meny copper pract Surface Importation esklids at primary lead emoting facilities	
Studge from tweatment of westervatoriacid plant blowdown from primary zafocjoto. Emjession control dustrialicjos from secondany lead smelfing	
Brine purification muds from mentury cell process in chlorine	
Distortation of Proceedings of the Company of Process in Chlorine Company of Chlorine Chlorine Company of Chlorine C	
Disatlation bottoms from antitre extraction Wastewater studges from prod, of veterinary pharm, from	
arsenic compds. Distillation or fractionation column bottoms in prod. of	
chlorobenzanes Wastas/elydges from prod. of Inke from dhromium and lead-	
conhibring substances Decarate mark are substances Sport polificar to primary automy medication Enression control disartellactes from formachromium electrons	
Emission control dustistudge from ferrochtemium prod. Dist. light onds from prod. of phthelic arrhydride by ortho-	
xylono Dist. bottoms in prod. of phthisic schydrids by ortho-xylens	
Destilation bottoms in prod, of 1,1,1-stichlaroethane Heavy ands from dist, column in prod, of 1,1,1-inchloroethane	
Vacuum etipper discharge from the chloritame chlorinator in prod. of chlorisad process wastewater from the prod. of troughtene	
Untreated visatewrater from the prod. of 2,4-0. Visata feacing soin from emission control dusfealidge in	
secondary laad smelting	

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CASI 313 Category Codes DHS STQ (in pounds unless otherwise noted) Section 302 (EHS) TPQ Section 304 EHS RQ CERCLA RQ Section 313 RCRACODE CAA 112 (r.) TQ (A.) 12 (r.) TQ (r.

MACINUCA	CAS/313 Cabegory Codes DHS 97'Q (in pounds unless otherwise noted) Section 302 (EHS) TPQ Section 314 EHS RQ		CERCLA RQ Section 313 RGRACODE CAA 112(r) TQ	
Dist, tar residue from aniline in prod. of veterinary pharm, from ensenic compd.			K100	
Needdus from activated carbon in prod, of votarinary pharm. from arsenic compde.		-	K101	
r noceas resources norm smartly extraction ment the proc. of mailles Combined wastewater streams concreted from proc. of			27 27 27	
obenzenelanijhe Jeous stream from vashing in prod. of chlorobenzenes		ļ ¢	¥3,57	
stewater treatment aludge from mercury cell process in sine prod.		19	K105	
umn bottoms from separation in prod. of UDMH from boxysto acid bydrazides		-	K106	-
Confostised column overtheads and vent gas from plog, of UDMH from COOH hypatides Shart fligs catalities from surf. of UDMH newd, from		무 숙	Kiő?	
boxylla acid hydratidas boxylla acid hydratidas		5 5	50 50 50 50 50 50 50 50 50 50 50 50 50 5	
d, from «COOH hydrazido» oluci waariwatans from prod, of dinitrotaluana via nitration o		: <u>p</u>	K110	
tolusne Readton by-product water from drying in tolluenedlamine prod		đ	K111	
tron districtionusese Condenses (suit dight ends from purification of tolesmolamin		đ	K112	
in la se priori Tillas from purification of tokeonediamina dunng its prod n diritopkana		5	K113	
Heavy ands from toluenediamine purification during prod, from dintrotoluene		5	K114	
and condonsate from solvent recovery eystem in prod. of uses discocyanate		ō	ž.1.ž	
Wastewater from vent gas scrubber in ethylene bromids prod by ethene bromination		5	K116	
Spent absorbent solids in purmeabon of ethylene dibromide in the prod.		•-	K117	
Aboss waterwater from the prod, or Yell-robbiditionarband and cod and selts.		<del>-</del> 5	K116	
ylenebiselikoonnen vasta tioni pind on ylenebiselikoonnen sakta mataalaan mataan ka sakta		<b>5</b>	지 호	
rim acutores banks (1911) prod. or envylencement incertaints acid and salts. Dustlawbothns from the groot, of ethyleneblad (infocatiantic		<b>\$</b>	Z	
d end seits. Islevation and spent sulfunic acid from the prod, of methy!		; <del>¢</del>	<b>3</b> 5	
bromide Spent absorbent and wastewater solide from the prod. of		60	K131	
metry bromide Self bottoms from etrylene dibromide purif, in prod., by ethere		1,000	K132	
positiva del manaco. Processe residios from cost per recovery in coking Tar storage trank residios from coke proc. from coal or			K136 K141	
wery of coke by-prode.		-	K142	
Sawater readules from light of retning in cooking oduse from naphtinsiens coolection and recovery from coke			K145 K144	
oy-processors The stocking that readdures from coal tar reshring in cosking. Residues from coal tar destilaction, including still bottoms, in			K145 K145	
ng liston bottoms from the prod. of chlothrated		. ,-	K148	
nneathentogyi chloridos anla residuais from C) gas and HC) rocovery from		. 6	÷ 5	
chlomisted toluence proct. Variabewater treatment studge from production of		5	K150	
concluores portuggi criticitaes anto weets from production of carbamates and carbamojil		5	KdSi	
te. The state from production of carbamates and carbamoyl has not allideas.		10	K158	
touse dusts & tileriseparation solids from prod of samabas, carb oximes		ō	K157	
anics from treatment of thioparbarnate waste t. solidsbag house dustisweepings from prod of		55	K156 K159	
oritotarusmin sicial-sums Crude di stange unk sediment from refoing operations Cardifod silvny di tank soloment of in-ties filteriseparation		- 9	K164 K189	
ds hydrotroughg cartulyst		-	K170	
nt tylriciaming salayat alevalar trainment telegors from the production of them closhoride an event objects monoment (EDEACOM)		<del></del>	K171 K172	
Valentewaler treatment skindpies from the production virid.  Authorise monotomic skindpies from the production virid.  acritisem-beased process.		₩*	K174	
	i			
CL + A CONTROLOGY AND WAY A PLACE OF WAY AND				

NAME	CA8/313 Category Codes	DHS STG (in pounds unless otherwise noted)	Section 302 (EHS) TPQ Section 304 EHS RG CERCIA RG Section 313 RCRACODE CAA 112/F	A RG Section 313 RCRACODE CAA 112( r
Realdues from manufacturing and manufacturing-else storage of fortic chloride from acids formed cluming the production of	٠		-	K175
tanium doxide using the chloride-imente process				
Norwardewaters generated from the production of certain dyes, pigments, and FD&C colorants				K178
Unlisted hazardous wastes characteristic of ignitability			-	Kilen
Unlisted hazardous wastes characteristic of corrosivity			100	Daoi
Uhlisted hazardous wastes characteristic of reactivity Unlisted hazardous wastes characteristic afforeity			84	D002
Areala			78	5000
Bartum			-	7000
Cadmium			000,1	5000
Chromium				9000
Mercan			2 9	2000
Selenium			2.	2000
Silver			.01	0000
Endra			!	100
Lindane			-	D012
Metroxychol			•	D013
2.4-D				50014
2,4,5-TP			5	5000
Волгапе			8	5100
Carbon tetrachlonde			0.00	D018
Chlorobatzana			9,	500
Chloroform			- 4	0200
o-Cresol			90	5002
m-Cresol			001	0023
p-Cretoi			got.	D024
1.4-Dichlorobertyene			88	0025
1,2-Dichloroethane			80	D027
1,1-Dichloraethylone			100	DOZB
2.4-Unitrotolusno Lastrothia (carl amount)			901	0020
nepatrant (and openie) Hexachhapherzene			0,	DOSD
Hexachlorobutadiene			- <del>c</del>	5000
Hexachloroethane			!-	D033
Methyl ketone			8	5034
Nitrocenzene Pentachinrachenei			5,000	D038
Pyndino			000.1	2003
Tetrachloredtylane			000'1	DOSB
Inchiprophysio			8	0000
2,4,6-Triahlacaphenel				0040
Vinyl chloride			2 2	500
			•-	5043

# United States Code Service (USCS) Title 42, Chapter 116 Emergency Planning and Community Right-to-Know

# SUBCHAPTER I - EMERGENCY PLANNING AND NOTIFICATION

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# SUBCHAPTER I - EMERGENCY PLANNING AND NOTIFICATION

# Sec. 11001. - Establishment of State commissions, planning districts, and local committees

(a) Establishment of State emergency response commissions

Not later than six months after October 17, 1986, the Governor of each State shall appoint a State emergency response commission. The Governor may designate as the State emergency response commission one or more existing emergency response organizations that are State-sponsored or appointed. The Governor shall, to the extent practicable, appoint persons to the State emergency response commission who have technical expertise in the emergency response field. The State emergency response commission shall appoint local emergency planning committees under subsection (c) of this section and shall supervise and coordinate the activities of such committees. The State emergency response commission shall establish procedures for receiving and

processing requests from the public for information under section 11044 of this title, including tier II information under section 11022 of this title. Such procedures shall include the designation of an official to serve as coordinator for information. If the Governor of any State does not designate a State emergency response commission within such period, the Governor shall operate as the State emergency response commission until the Governor makes such designation.

#### (b) Establishment of emergency planning districts

Not later than nine months after October 17, 1986, the State emergency response commission shall designate emergency planning districts in order to facilitate preparation and implementation of emergency plans. Where appropriate, the State emergency response commission may designate existing political subdivisions or multi-jurisdictional planning organizations as such districts. In emergency planning areas that involve more than one State, the State emergency response commissions of all potentially affected States may designate emergency planning districts and local emergency planning committees by agreement. In making such designation, the State emergency response commission shall indicate which facilities subject to the requirements of this subchapter are within such emergency planning district.

#### (c) Establishment of local emergency planning committees

Not later than 30 days after designation of emergency planning districts or 10 months after October 17, 1986, whichever is earlier, the State emergency response commission shall appoint members of a local emergency planning committee for each emergency planning district. Each committee shall include, at a minimum, representatives from each of the following groups or organizations: elected State and local officials; law enforcement, civil defense, firefighting, first aid, health, local environmental, hospital, and transportation personnel; broadcast and print media; community groups; and owners and operators of facilities subject to the requirements of this subchapter. Such committee shall appoint a chairperson and shall establish rules by which the committee shall function. Such rules shall include provisions for public notification of committee activities, public meetings to discuss the emergency plan, public comments, response to such comments by the committee, and distribution of the emergency plan. The local emergency planning committee shall establish procedures for receiving and processing requests from the public for information under section 11044 of this title, including tier II information under section 11022 of this title. Such procedures shall include the designation of an official to serve as coordinator for information.

#### (d) Revisions

A State emergency response commission may revise its designations and appointments under subsections (b) and (c) of this section as it deems appropriate. Interested persons may petition the State emergency response commission to modify the membership of a local emergency planning committee.

# Sec. 11002. - Substances and facilities covered and notification

#### (a) Substances covered

(1) In general

A substance is subject to the requirements of this subchapter if the substance is on the list published under paragraph (2).

# (2) List of extremely hazardous substances

Within 30 days after October 17, 1986, the Administrator shall publish a list of extremely hazardous substances. The list shall be the same as the list of substances published in November 1985 by the Administrator in Appendix A of the "Chemical Emergency Preparedness Program Interim Guidance".

#### (3) Thresholds

- (A) At the time the list referred to in paragraph (2) is published the Administrator shall -
  - (i) publish an interim final regulation establishing a threshold planning quantity for each substance on the list, taking into account the criteria described in paragraph (4), and
  - (ii) initiate a rulemaking in order to publish final regulations establishing a threshold planning quantity for each substance on the list.
- (B) The threshold planning quantities may, at the Administrator's discretion, be based on classes of chemicals or categories of facilities.
- **(C)** If the Administrator fails to publish an interim final regulation establishing a threshold planning quantity for a substance within 30 days after October 17, 1986, the threshold planning quantity for the substance shall be 2 pounds until such time as the Administrator publishes regulations establishing a threshold for the substance.

#### (4) Revisions

The Administrator may revise the list and thresholds under paragraphs (2) and (3) from time to time. Any revisions to the list shall take into account the toxicity, reactivity, volatility, dispersability, combustability, or flammability of a substance. For purposes of the preceding sentence, the term "toxicity" shall include any shortor long-term health effect which may result from a short-term exposure to the substance.

#### (b) Facilities covered

- (1) Except as provided in section 11004 of this title, a facility is subject to the requirements of this subchapter if a substance on the list referred to in subsection (a) of this section is present at the facility in an amount in excess of the threshold planning quantity established for such substance.
- (2) For purposes of emergency planning, a Governor or a State emergency response commission may designate additional facilities which shall be subject to the requirements of this subchapter, if such designation is made after public notice and opportunity for comment. The Governor or State emergency response commission shall notify the facility concerned of any facility designation under this paragraph.

# (c) Emergency planning notification

Not later than seven months after October 17, 1986, the owner or operator of each facility subject to the requirements of this subchapter by reason of subsection (b)(1) of this section shall notify the State emergency response commission for the State in which such facility is located that such facility is subject to the requirements of this subchapter. Thereafter, if a substance on the list of extremely hazardous substances referred to in subsection (a) of this section first becomes present at such facility in excess of the threshold planning quantity established for such substance, or if there is a revision of such list and the facility has present a substance on the revised list in excess of the threshold planning quantity established for such substance, the owner or operator of the facility shall notify the State emergency response commission and the local emergency planning committee within 60 days after such acquisition or revision that such facility is subject to the requirements of this subchapter.

#### (d) Notification of Administrator

The State emergency response commission shall notify the Administrator of facilities subject to the requirements of this subchapter by notifying the Administrator of -

- (1) each notification received from a facility under subsection (c) of this section, and
- (2) each facility designated by the Governor or State emergency response commission under subsection (b)(2) of this section

# Sec. 11003. - Comprehensive emergency response plans

#### (a) Plan required

Each local emergency planning committee shall complete preparation of an emergency plan in accordance with this section not later than two years after October 17, 1986. The committee shall review such plan once a year, or more frequently as changed circumstances in the community or at any facility may require.

#### (b) Resources

Each local emergency planning committee shall evaluate the need for resources necessary to develop, implement, and exercise the emergency plan, and shall make recommendations with respect to additional resources that may be required and the means for providing such additional resources.

#### (c) Plan provisions

Each emergency plan shall include (but is not limited to) each of the following:

(1) Identification of facilities subject to the requirements of this subchapter that are within the emergency planning district, identification of routes likely to be used for the transportation of substances on the list of extremely hazardous substances referred to in section 11002(a) of this title, and identification of additional facilities contributing or subjected to additional risk due to their proximity to facilities subject to the requirements of this subchapter, such as hospitals or natural gas facilities.

- (2) Methods and procedures to be followed by facility owners and operators and local emergency and medical personnel to respond to any release of such substances.
- (3) Designation of a community emergency coordinator and facility emergency coordinators, who shall make determinations necessary to implement the plan.
- (4) Procedures providing reliable, effective, and timely notification by the facility emergency coordinators and the community emergency coordinator to persons designated in the emergency plan, and to the public, that a release has occurred (consistent with the emergency notification requirements of section 11004 of this title).
- (5) Methods for determining the occurrence of a release, and the area or population likely to be affected by such release.
- (6) A description of emergency equipment and facilities in the community and at each facility in the community subject to the requirements of this subchapter, and an identification of the persons responsible for such equipment and facilities.
- (7) Evacuation plans, including provisions for a precautionary evacuation and alternative traffic routes.
- (8) Training programs, including schedules for training of local emergency response and medical personnel.
- (9) Methods and schedules for exercising the emergency plan.

# (d) Providing of information

For each facility subject to the requirements of this subchapter:

- (1) Within 30 days after establishment of a local emergency planning committee for the emergency planning district in which such facility is located, or within 11 months after October 17, 1986, whichever is earlier, the owner or operator of the facility shall notify the emergency planning committee (or the Governor if there is no committee) of a facility representative who will participate in the emergency planning process as a facility emergency coordinator.
- (2) The owner or operator of the facility shall promptly inform the emergency planning committee of any relevant changes occurring at such facility as such changes occur or are expected to occur.
- (3) Upon request from the emergency planning committee, the owner or operator of the facility shall promptly provide information to such committee necessary for developing and implementing the emergency plan.
- (e) Review by State emergency response commission

After completion of an emergency plan under subsection (a) of this section for an emergency planning district, the local emergency planning committee shall submit a copy of the plan to the State emergency response commission of each State in which such district is located. The commission shall review the plan and make recommendations to the committee on revisions of the plan that may be necessary to ensure coordination of

such plan with emergency response plans of other emergency planning districts. To the maximum extent practicable, such review shall not delay implementation of such plan.

#### (f) Guidance documents

The national response team, as established pursuant to the National Contingency Plan as established under section 9605 of this title, shall publish guidance documents for preparation and implementation of emergency plans. Such documents shall be published not later than five months after October 17, 1986.

#### (g) Review of plans by regional response teams

The regional response teams, as established pursuant to the National Contingency Plan as established under section 9605 of this title, may review and comment upon an emergency plan or other issues related to preparation, implementation, or exercise of such a plan upon request of a local emergency planning committee. Such review shall not delay implementation of the plan

# Sec. 11004. - Emergency notification

# (a) Types of releases

# (1) 11002(a) substance which requires CERCLA notice

If a release of an extremely hazardous substance referred to in section 11002(a) of this title occurs from a facility at which a hazardous chemical is produced, used, or stored, and such release requires a notification under section 103(a) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9603(a)) (hereafter in this section referred to as "CERCLA") (42 U.S.C. 9601 et seq.), the owner or operator of the facility shall immediately provide notice as described in subsection (b) of this section.

#### (2) Other 11002(a) substance

If a release of an extremely hazardous substance referred to in section 11002(a) of this title occurs from a facility at which a hazardous chemical is produced, used, or stored, and such release is not subject to the notification requirements under section 103(a) of CERCLA (42 U.S.C. 9603(a)), the owner or operator of the facility shall immediately provide notice as described in subsection (b) of this section, but only if the release -

- (A) is not a federally permitted release as defined in section 101(10) of CERCLA (42 U.S.C. 9601(10)),
- (B) is in an amount in excess of a quantity which the Administrator has determined (by regulation) requires notice, and
- (C) occurs in a manner which would require notification under section 103(a) of CERCLA (42 U.S.C. 9603(a)). Unless and until superseded by regulations establishing a quantity for an extremely hazardous substance described in this paragraph, a quantity of 1 pound shall be deemed that quantity the release of which requires notice as described in subsection (b) of this section.

#### (3) Non-11002(a) substance which requires CERCLA notice

If a release of a substance which is not on the list referred to in section 11002(a) of this title occurs at a facility at which a hazardous chemical is produced, used, or stored, and such release requires notification under section 103(a) of CERCLA (42 U.S.C. 9603(a)), the owner or operator shall provide notice as follows:

- (A) If the substance is one for which a reportable quantity has been established under section 102(a) of CERCLA (42 U.S.C. 9602(a)), the owner or operator shall provide notice as described in subsection (b) of this section.
- (B) If the substance is one for which a reportable quantity has not been established under section 102(a) of CERCLA (42 U.S.C. 9602(a))
  - (i) Until April 30, 1988, the owner or operator shall provide, for releases of one pound or more of the substance, the same notice to the community emergency coordinator for the local emergency planning committee, at the same time and in the same form, as notice is provided to the National Response Center under section 103(a) of CERCLA (42 U.S.C. 9603(a)).
  - (ii) On and after April 30, 1988, the owner or operator shall provide, for releases of one pound or more of the substance, the notice as described in subsection (b) of this section.

#### (4) Exempted releases

This section does not apply to any release which results in exposure to persons solely within the site or sites on which a facility is located.

#### (b) Notification

#### (1) Recipients of notice

Notice required under subsection (a) of this section shall be given immediately after the release by the owner or operator of a facility (by such means as telephone, radio, or in person) to the community emergency coordinator for the local emergency planning committees, if established pursuant to section 11001(c) of this title, for any area likely to be affected by the release and to the State emergency planning commission of any State likely to be affected by the release. With respect to transportation of a substance subject to the requirements of this section, or storage incident to such transportation, the notice requirements of this section with respect to a release shall be satisfied by dialing 911 or, in the absence of a 911 emergency telephone number, calling the operator.

#### (2) Contents

Notice required under subsection (a) of this section shall include each of the following (to the extent known at the time of the notice and so long as no delay in responding to the emergency results):

(A) The chemical name or identity of any substance involved in the release.

- **(B)** An indication of whether the substance is on the list referred to in section 11002(a) of this title.
- (C) An estimate of the quantity of any such substance that was released into the environment.
- (D) The time and duration of the release.
- (E) The medium or media into which the release occurred.
- (F) Any known or anticipated acute or chronic health risks associated with the emergency and, where appropriate, advice regarding medical attention necessary for exposed individuals.
- **(G)** Proper precautions to take as a result of the release, including evacuation (unless such information is readily available to the community emergency coordinator pursuant to the emergency plan).
- **(H)** The name and telephone number of the person or persons to be contacted for further information.

#### (c) Followup emergency notice

As soon as practicable after a release which requires notice under subsection (a) of this section, such owner or operator shall provide a written followup emergency notice (or notices, as more information becomes available) setting forth and updating the information required under subsection (b) of this section, and including additional information with respect to -

- (1) actions taken to respond to and contain the release,
- (2) any known or anticipated acute or chronic health risks associated with the release, and
- (3) where appropriate, advice regarding medical attention necessary for exposed individuals.
- (d) Transportation exemption not applicable

The exemption provided in section 11047 of this title (relating to transportation) does not apply to this section

# Sec. 11005. - Emergency training and review of emergency systems

- (a) Emergency training
  - (1) Programs

Officials of the United States Government carrying out existing Federal programs for emergency training are authorized to specifically provide training and education programs for Federal, State, and local personnel in hazard mitigation, emergency preparedness, fire prevention and control, disaster response, long-term

disaster recovery, national security, technological and natural hazards, and emergency processes. Such programs shall provide special emphasis for such training and education with respect to hazardous chemicals.

#### (2) State and local program support

There is authorized to be appropriated to the Federal Emergency Management Agency for each of the fiscal years 1987, 1988, 1989, and 1990, \$5,000,000 for making grants to support programs of State and local governments, and to support university-sponsored programs, which are designed to improve emergency planning, preparedness, mitigation, response, and recovery capabilities. Such programs shall provide special emphasis with respect to emergencies associated with hazardous chemicals. Such grants may not exceed 80 percent of the cost of any such program. The remaining 20 percent of such costs shall be funded from non-Federal sources.

#### (3) Other programs

Nothing in this section shall affect the availability of appropriations to the Federal Emergency Management Agency for any programs carried out by such agency other than the programs referred to in paragraph (2).

#### (b) Review of emergency systems

#### (1) Review

The Administrator shall initiate, not later than 30 days after October 17, 1986, a review of emergency systems for monitoring, detecting, and preventing releases of extremely hazardous substances at representative domestic facilities that produce, use, or store extremely hazardous substances. The Administrator may select representative extremely hazardous substances from the substances on the list referred to in section 11002(a) of this title for the purposes of this review. The Administrator shall report interim findings to the Congress not later than seven months after October 17, 1986, and issue a final report of findings and recommendations to the Congress not later than 18 months after October 17, 1986. Such report shall be prepared in consultation with the States and appropriate Federal agencies.

#### (2) Report

The report required by this subsection shall include the Administrator's findings regarding each of the following:

- (A) The status of current technological capabilities to
  - (i) monitor, detect, and prevent, in a timely manner, significant releases of extremely hazardous substances,
  - (ii) determine the magnitude and direction of the hazard posed by each release.
  - (iii) identify specific substances,

- (iv) provide data on the specific chemical composition of such releases, and
- (v) determine the relative concentrations of the constituent substances.
- (B) The status of public emergency alert devices or systems for providing timely and effective public warning of an accidental release of extremely hazardous substances into the environment, including releases into the atmosphere, surface water, or groundwater from facilities that produce, store, or use significant quantities of such extremely hazardous substances.
- **(C)** The technical and economic feasibility of establishing, maintaining, and operating perimeter alert systems for detecting releases of such extremely hazardous substances into the atmosphere, surface water, or groundwater, at facilities that manufacture, use, or store significant quantities of such substances.

# (3) Recommendations

The report required by this subsection shall also include the Administrator's recommendations for -

- (A) initiatives to support the development of new or improved technologies or systems that would facilitate the timely monitoring, detection, and prevention of releases of extremely hazardous substances, and
- **(B)** improving devices or systems for effectively alerting the public in a timely manner, in the event of an accidental release of such extremely hazardous substances

# SUBCHAPTER II - REPORTING REQUIREMENTS

# Sec. 11021. - Material safety data sheets

- (a) Basic requirement
  - (1) Submission of MSDS or list

The owner or operator of any facility which is required to prepare or have available a material safety data sheet for a hazardous chemical under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651 et seq.) and regulations promulgated under that Act shall submit a material safety data sheet for each such chemical, or a list of such chemicals as described in paragraph (2), to each of the following:

- (A) The appropriate local emergency planning committee.
- (B) The State emergency response commission.
- (C) The fire department with jurisdiction over the facility.
- (2) Contents of list
  - (A) The list of chemicals referred to in paragraph (1) shall include each of the following:
    - (i) A list of the hazardous chemicals for which a material safety data sheet is required under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651 et seq.) and regulations promulgated under that Act, grouped in categories of health and physical hazards as set forth under such Act and regulations promulgated under such Act, or in such other categories as the Administrator may prescribe under subparagraph (B).
    - (ii) The chemical name or the common name of each such chemical as provided on the material safety data sheet.
    - (iii) Any hazardous component of each such chemical as provided on the material safety data sheet.
  - (B) For purposes of the list under this paragraph, the Administrator may modify the categories of health and physical hazards as set forth under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651 et seq.) and regulations promulgated under that Act by requiring information to be reported in terms of groups of hazardous chemicals which present similar hazards in an emergency.
- (3) Treatment of mixtures

An owner or operator may meet the requirements of this section with respect to a hazardous chemical which is a mixture by doing one of the following:

- (A) Submitting a material safety data sheet for, or identifying on a list, each element or compound in the mixture which is a hazardous chemical. If more than one mixture has the same element or compound, only one material safety data sheet, or one listing, of the element or compound is necessary.
- (B) Submitting a material safety data sheet for, or identifying on a list, the mixture itself.

#### (b) Thresholds

The Administrator may establish threshold quantities for hazardous chemicals below which no facility shall be subject to the provisions of this section. The threshold quantities may, in the Administrator's discretion, be based on classes of chemicals or categories of facilities.

#### (c) Availability of MSDS on request

(1) To local emergency planning committee

If an owner or operator of a facility submits a list of chemicals under subsection (a)(1) of this section, the owner or operator, upon request by the local emergency planning committee, shall submit the material safety data sheet for any chemical on the list to such committee.

#### (2) To public

A local emergency planning committee, upon request by any person, shall make available a material safety data sheet to the person in accordance with section 11044 of this title. If the local emergency planning committee does not have the requested material safety data sheet, the committee shall request the sheet from the facility owner or operator and then make the sheet available to the person in accordance with section 11044 of this title.

#### (d) Initial submission and updating

- (1) The initial material safety data sheet or list required under this section with respect to a hazardous chemical shall be provided before the later of -
  - (A) 12 months after October 17, 1986, or
  - (B) 3 months after the owner or operator of a facility is required to prepare or have available a material safety data sheet for the chemical under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651 et seq.) and regulations promulgated under that Act.
- (2) Within 3 months following discovery by an owner or operator of significant new information concerning an aspect of a hazardous chemical for which a material safety data sheet was previously submitted to the local emergency planning committee under subsection (a) of this section, a revised sheet shall be provided to such person.

#### (e) "Hazardous chemical" defined

For purposes of this section, the term "hazardous chemical" has the meaning given such term by section 1910.1200(c) of title 29 of the Code of Federal Regulations, except that such term does not include the following:

- (1) Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Administration.
- (2) Any substance present as a solid in any manufactured item to the extent exposure to the substance does not occur under normal conditions of use.
- (3) Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public.
- (4) Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual.
- (5) Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer

# Sec. 11022. - Emergency and hazardous chemical inventory forms

#### (a) Basic requirement

- (1) The owner or operator of any facility which is required to prepare or have available a material safety data sheet for a hazardous chemical under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651 et seq.) and regulations promulgated under that Act shall prepare and submit an emergency and hazardous chemical inventory form (hereafter in this chapter referred to as an "inventory form") to each of the following:
  - (A) The appropriate local emergency planning committee.
  - (B) The State emergency response commission.
  - (C) The fire department with jurisdiction over the facility.
- (2) The inventory form containing tier I information (as described in subsection (d)(1) of this section) shall be submitted on or before March 1, 1988, and annually thereafter on March 1, and shall contain data with respect to the preceding calendar year. The preceding sentence does not apply if an owner or operator provides, by the same deadline and with respect to the same calendar year, tier II information (as described in subsection (d)(2) of this section) to the recipients described in paragraph (1).
- (3) An owner or operator may meet the requirements of this section with respect to a hazardous chemical which is a mixture by doing one of the following:
  - (A) Providing information on the inventory form on each element or compound in the mixture which is a hazardous chemical. If more than one mixture has the same element or compound, only one listing on the inventory form for the element or compound at the facility is necessary.

- (B) Providing information on the inventory form on the mixture itself.
- **(b)** Thresholds The Administrator may establish threshold quantities for hazardous chemicals covered by this section below which no facility shall be subject to the provisions of this section. The threshold quantities may, in the Administrator's discretion, be based on classes of chemicals or categories of facilities.

#### (c) Hazardous chemicals covered

A hazardous chemical subject to the requirements of this section is any hazardous chemical for which a material safety data sheet or a listing is required under section 11021 of this title.

#### (d) Contents of form

#### (1) Tier I information

#### (A) Aggregate information by category

An inventory form shall provide the information described in subparagraph (B) in aggregate terms for hazardous chemicals in categories of health and physical hazards as set forth under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651 et seq.) and regulations promulgated under that Act.

#### (B) Required information

The information referred to in subparagraph (A) is the following:

- (i) An estimate (in ranges) of the maximum amount of hazardous chemicals in each category present at the facility at any time during the preceding calendar year.
- (ii) An estimate (in ranges) of the average daily amount of hazardous chemicals in each category present at the facility during the preceding calendar year.
- (iii) The general location of hazardous chemicals in each category.

#### (C) Modifications

For purposes of reporting information under this paragraph, the Administrator may -

- (i) modify the categories of health and physical hazards as set forth under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651 et seq.) and regulations promulgated under that Act by requiring information to be reported in terms of groups of hazardous chemicals which present similar hazards in an emergency, or
- (ii) require reporting on individual hazardous chemicals of special concern to emergency response personnel.

#### (2) Tier II information

An inventory form shall provide the following additional information for each hazardous chemical present at the facility, but only upon request and in accordance with subsection (e) of this section:

- (A) The chemical name or the common name of the chemical as provided on the material safety data sheet.
- **(B)** An estimate (in ranges) of the maximum amount of the hazardous chemical present at the facility at any time during the preceding calendar year.
- (C) An estimate (in ranges) of the average daily amount of the hazardous chemical present at the facility during the preceding calendar year.
- (D) A brief description of the manner of storage of the hazardous chemical.
- (E) The location at the facility of the hazardous chemical.
- **(F)** An indication of whether the owner elects to withhold location information of a specific hazardous chemical from disclosure to the public under section 11044 of this title.

#### (e) Availability of tier II information

(1) Availability to State commissions, local committees, and fire departments

Upon request by a State emergency planning commission, a local emergency planning committee, or a fire department with jurisdiction over the facility, the owner or operator of a facility shall provide tier II information, as described in subsection (d) of this section, to the person making the request. Any such request shall be with respect to a specific facility.

(2) Availability to other State and local officials

A State or local official acting in his or her official capacity may have access to tier II information by submitting a request to the State emergency response commission or the local emergency planning committee. Upon receipt of a request for tier II information, the State commission or local committee shall, pursuant to paragraph (1), request the facility owner or operator for the tier II information and make available such information to the official.

# (3) Availability to public

#### (A) In general

Any person may request a State emergency response commission or local emergency planning committee for tier II information relating to the preceding calendar year with respect to a facility. Any such request shall be in writing and shall be with respect to a specific facility.

(B) Automatic provision of information to public

Any tier II information which a State emergency response commission or local emergency planning committee has in its possession shall be made available to a person making a request under this paragraph in accordance with section 11044 of this title. If the State emergency response commission or local emergency planning committee does not have the tier II information in its possession, upon a request for tier II information the State emergency response commission or local emergency planning committee shall, pursuant to paragraph (1), request the facility owner or operator for tier II information with respect to a hazardous chemical which a facility has stored in an amount in excess of 10,000 pounds present at the facility at any time during the preceding calendar year and make such information available in accordance with section 11044 of this title to the person making the request.

# (C) Discretionary provision of information to public

In the case of tier II information which is not in the possession of a State emergency response commission or local emergency planning committee and which is with respect to a hazardous chemical which a facility has stored in an amount less than 10,000 pounds present at the facility at any time during the preceding calendar year, a request from a person must include the general need for the information. The State emergency response commission or local emergency planning committee may, pursuant to paragraph (1), request the facility owner or operator for the tier II information on behalf of the person making the request. Upon receipt of any information requested on behalf of such person, the State emergency response commission or local emergency planning committee shall make the information available in accordance with section 11044 of this title to the person.

#### (D) Response in 45 days

A State emergency response commission or local emergency planning committee shall respond to a request for tier II information under this paragraph no later than 45 days after the date of receipt of the request.

#### (f) Fire department access

Upon request to an owner or operator of a facility which files an inventory form under this section by the fire department with jurisdiction over the facility, the owner or operator of the facility shall allow the fire department to conduct an on-site inspection of the facility and shall provide to the fire department specific location information on hazardous chemicals at the facility.

#### (g) Format of forms

The Administrator shall publish a uniform format for inventory forms within three months after October 17, 1986. If the Administrator does not publish such forms, owners and operators of facilities subject to the requirements of this section shall provide the information required under this section by letter

# Sec. 11023. - Toxic chemical release forms

#### (a) Basic requirement

The owner or operator of a facility subject to the requirements of this section shall complete a toxic chemical release form as published under subsection (g) of this section for each toxic chemical listed under subsection (c) of this section that was manufactured, processed, or otherwise used in quantities exceeding the toxic chemical threshold quantity established by subsection (f) of this section during the preceding calendar year at such facility. Such form shall be submitted to the Administrator and to an official or officials of the State designated by the Governor on or before July 1, 1988, and annually thereafter on July 1 and shall contain data reflecting releases during the preceding calendar year.

# (b) Covered owners and operators of facilities

#### (1) In general

- (A) The requirements of this section shall apply to owners and operators of facilities that have 10 or more full-time employees and that are in Standard Industrial Classification Codes 20 through 39 (as in effect on July 1, 1985) and that manufactured, processed, or otherwise used a toxic chemical listed under subsection (c) of this section in excess of the quantity of that toxic chemical established under subsection (f) of this section during the calendar year for which a release form is required under this section.
- (B) The Administrator may add or delete Standard Industrial Classification Codes for purposes of subparagraph (A), but only to the extent necessary to provide that each Standard Industrial Code to which this section applies is relevant to the purposes of this section.
- (C) For purposes of this section -
  - (i) The term "manufacture" means to produce, prepare, import, or compound a toxic chemical.
  - (ii) The term "process" means the preparation of a toxic chemical, after its manufacture, for distribution in commerce -
    - (I) in the same form or physical state as, or in a different form or physical state from, that in which it was received by the person so preparing such chemical, or
    - (II) as part of an article containing the toxic chemical.

# (2) Discretionary application to additional facilities

The Administrator, on his own motion or at the request of a Governor of a State (with regard to facilities located in that State), may apply the requirements of this section to the owners and operators of any particular facility that manufactures, processes, or otherwise uses a toxic chemical listed under subsection (c) of this section if the Administrator determines that such action is warranted on the basis of toxicity of the toxic chemical, proximity to other facilities that release the toxic

chemical or to population centers, the history of releases of such chemical at such facility, or such other factors as the Administrator deems appropriate.

# (c) Toxic chemicals covered

The toxic chemicals subject to the requirements of this section are those chemicals on the list in Committee Print Number 99-169 of the Senate Committee on Environment and Public Works, titled "Toxic Chemicals Subject to Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986" (42 U.S.C. 11023) (including any revised version of the list as may be made pursuant to subsection (d) or (e) of this section).

#### (d) Revisions by Administrator

#### (1) In general

The Administrator may by rule add or delete a chemical from the list described in subsection (c) of this section at any time.

#### (2) Additions

A chemical may be added if the Administrator determines, in his judgment, that there is sufficient evidence to establish any one of the following:

- (A) The chemical is known to cause or can reasonably be anticipated to cause significant adverse acute human health effects at concentration levels that are reasonably likely to exist beyond facility site boundaries as a result of continuous, or frequently recurring, releases.
- **(B)** The chemical is known to cause or can reasonably be anticipated to cause in humans -
  - (i) cancer or teratogenic effects, or
  - (ii) serious or irreversible -
    - (I) reproductive dysfunctions,
    - (II) neurological disorders,
    - (III) heritable genetic mutations, or
    - (IV) other chronic health effects.
- (C) The chemical is known to cause or can reasonably be anticipated to cause, because of -
  - (i) its toxicity,
  - (ii) its toxicity and persistence in the environment, or

(iii) its toxicity and tendency to bioaccumulate in the environment, a significant adverse effect on the environment of sufficient seriousness, in the judgment of the Administrator, to warrant reporting under this section. The number of chemicals included on the list described in subsection (c) of this section on the basis of the preceding sentence may constitute in the aggregate no more than 25 percent of the total number of chemicals on the list. A determination under this paragraph shall be based on generally accepted scientific principles or laboratory tests, or appropriately designed and conducted epidemiological or other population studies, available to the Administrator.

#### (3) Deletions

A chemical may be deleted if the Administrator determines there is not sufficient evidence to establish any of the criteria described in paragraph (2).

#### (4) Effective date

Any revision made on or after January 1 and before December 1 of any calendar year shall take effect beginning with the next calendar year. Any revision made on or after December 1 of any calendar year and before January 1 of the next calendar year shall take effect beginning with the calendar year following such next calendar year.

#### (e) Petitions

#### (1) In general

Any person may petition the Administrator to add or delete a chemical from the list described in subsection (c) of this section on the basis of the criteria in subparagraph (A) or (B) of subsection (d)(2) of this section. Within 180 days after receipt of a petition, the Administrator shall take one of the following actions:

- (A) Initiate a rulemaking to add or delete the chemical to the list, in accordance with subsection (d)(2) or (d)(3) of this section.
- (B) Publish an explanation of why the petition is denied.

#### (2) Governor petitions

A State Governor may petition the Administrator to add or delete a chemical from the list described in subsection (c) of this section on the basis of the criteria in subparagraph (A), (B), or (C) of subsection (d)(2) of this section. In the case of such a petition from a State Governor to delete a chemical, the petition shall be treated in the same manner as a petition received under paragraph (1) to delete a chemical. In the case of such a petition from a State Governor to add a chemical, the chemical will be added to the list within 180 days after receipt of the petition, unless the Administrator -

(A) initiates a rulemaking to add the chemical to the list, in accordance with subsection (d)(2) of this section, or

(B) publishes an explanation of why the Administrator believes the petition does not meet the requirements of subsection (d)(2) of this section for adding a chemical to the list.

#### (f) Threshold for reporting

# (1) Toxic chemical threshold amount

The threshold amounts for purposes of reporting toxic chemicals under this section are as follows:

- (A) With respect to a toxic chemical used at a facility, 10,000 pounds of the toxic chemical per year.
- (B) With respect to a toxic chemical manufactured or processed at a facility -
  - (i) For the toxic chemical release form required to be submitted under this section on or before July 1, 1988, 75,000 pounds of the toxic chemical per year.
  - (ii) For the form required to be submitted on or before July 1, 1989, 50,000 pounds of the toxic chemical per year.
  - (iii) For the form required to be submitted on or before July 1, 1990, and for each form thereafter, 25,000 pounds of the toxic chemical per year.

#### (2) Revisions

The Administrator may establish a threshold amount for a toxic chemical different from the amount established by paragraph (1). Such revised threshold shall obtain reporting on a substantial majority of total releases of the chemical at all facilities subject to the requirements of this section. The amounts established under this paragraph may, at the Administrator's discretion, be based on classes of chemicals or categories of facilities.

#### (g) Form

#### (1) Information required

Not later than June 1, 1987, the Administrator shall publish a uniform toxic chemical release form for facilities covered by this section. If the Administrator does not publish such a form, owners and operators of facilities subject to the requirements of this section shall provide the information required under this subsection by letter postmarked on or before the date on which the form is due. Such form shall -

- (A) provide for the name and location of, and principal business activities at, the facility;
- (B) include an appropriate certification, signed by a senior official with management responsibility for the person or persons completing the report, regarding the accuracy and completeness of the report; and

- **(C)** provide for submission of each of the following items of information for each listed toxic chemical known to be present at the facility:
  - (i) Whether the toxic chemical at the facility is manufactured, processed, or otherwise used, and the general category or categories of use of the chemical.
  - (ii) An estimate of the maximum amounts (in ranges) of the toxic chemical present at the facility at any time during the preceding calendar year.
  - (iii) For each waste stream, the waste treatment or disposal methods employed, and an estimate of the treatment efficiency typically achieved by such methods for that waste stream.
  - (iv) The annual quantity of the toxic chemical entering each environmental medium.

#### (2) Use of available data

In order to provide the information required under this section, the owner or operator of a facility may use readily available data (including monitoring data) collected pursuant to other provisions of law, or, where such data are not readily available, reasonable estimates of the amounts involved. Nothing in this section requires the monitoring or measurement of the quantities, concentration, or frequency of any toxic chemical released into the environment beyond that monitoring and measurement required under other provisions of law or regulation. In order to assure consistency, the Administrator shall require that data be expressed in common units.

#### (h) Use of release form

The release forms required under this section are intended to provide information to the Federal, State, and local governments and the public, including citizens of communities surrounding covered facilities. The release form shall be available, consistent with section 11044(a) of this title, to inform persons about releases of toxic chemicals to the environment; to assist governmental agencies, researchers, and other persons in the conduct of research and data gathering; to aid in the development of appropriate regulations, guidelines, and standards; and for other similar purposes.

#### (i) Modifications in reporting frequency

#### (1) In general

The Administrator may modify the frequency of submitting a report under this section, but the Administrator may not modify the frequency to be any more often than annually. A modification may apply, either nationally or in a specific geographic area, to the following:

- (A) All toxic chemical release forms required under this section.
- (B) A class of toxic chemicals or a category of facilities.
- (C) A specific toxic chemical.

#### (D) A specific facility.

#### (2) Requirements

A modification may be made under paragraph (1) only if the Administrator -

- (A) makes a finding that the modification is consistent with the provisions of subsection (h) of this section, based on -
  - (i) experience from previously submitted toxic chemical release forms, and
  - (ii) determinations made under paragraph (3), and (B) the finding is made by a rulemaking in accordance with section 553 of title 5.

#### (3) Determinations

The Administrator shall make the following determinations with respect to a proposed modification before making a modification under paragraph (1):

- (A) The extent to which information relating to the proposed modification provided on the toxic chemical release forms has been used by the Administrator or other agencies of the Federal Government, States, local governments, health professionals, and the public.
- (B) The extent to which the information is
  - (i) readily available to potential users from other sources, such as State reporting programs, and
  - (ii) provided to the Administrator under another Federal law or through a State program.
- (C) The extent to which the modification would impose additional and unreasonable burdens on facilities subject to the reporting requirements under this section.

#### (4) 5-year review

Any modification made under this subsection shall be reviewed at least once every 5 years. Such review shall examine the modification and ensure that the requirements of paragraphs (2) and (3) still justify continuation of the modification. Any change to a modification reviewed under this paragraph shall be made in accordance with this subsection.

#### (5) Notification to Congress

The Administrator shall notify Congress of an intention to initiate a rulemaking for a modification under this subsection. After such notification, the Administrator shall delay initiation of the rulemaking for at least 12 months, but no more than 24 months, after the date of such notification.

#### (6) Judicial review

In any judicial review of a rulemaking which establishes a modification under this subsection, a court may hold unlawful and set aside agency action, findings, and conclusions found to be unsupported by substantial evidence.

#### (7) Applicability

A modification under this subsection may apply to a calendar year or other reporting period beginning no earlier than January 1, 1993.

#### (8) Effective date

Any modification made on or after January 1 and before December 1 of any calendar year shall take effect beginning with the next calendar year. Any modification made on or after December 1 of any calendar year and before January 1 of the next calendar year shall take effect beginning with the calendar year following such next calendar year.

#### (j) EPA management of data

The Administrator shall establish and maintain in a computer data base a national toxic chemical inventory based on data submitted to the Administrator under this section. The Administrator shall make these data accessible by computer telecommunication and other means to any person on a cost reimbursable basis.

#### (k) Report

Not later than June 30, 1991, the Comptroller General, in consultation with the Administrator and appropriate officials in the States, shall submit to the Congress a report including each of the following:

- (1) A description of the steps taken by the Administrator and the States to implement the requirements of this section, including steps taken to make information collected under this section available to and accessible by the public.
- (2) A description of the extent to which the information collected under this section has been used by the Environmental Protection Agency, other Federal agencies, the States, and the public, and the purposes for which the information has been used.
- (3) An identification and evaluation of options for modifications to the requirements of this section for the purpose of making information collected under this section more useful.

#### (I) Mass balance study

#### (1) in general

The Administrator shall arrange for a mass balance study to be carried out by the National Academy of Sciences using mass balance information collected by the Administrator under paragraph (3). The Administrator shall submit to Congress a report on such study no later than 5 years after October 17, 1986.

#### (2) Purposes

The purposes of the study are as follows:

- (A) To assess the value of mass balance analysis in determining the accuracy of information on toxic chemical releases.
- **(B)** To assess the value of obtaining mass balance information, or portions thereof, to determine the waste reduction efficiency of different facilities, or categories of facilities, including the effectiveness of toxic chemical regulations promulgated under laws other than this chapter.
- **(C)** To assess the utility of such information for evaluating toxic chemical management practices at facilities, or categories of facilities, covered by this section.
- **(D)** To determine the implications of mass balance information collection on a national scale similar to the mass balance information collection carried out by the Administrator under paragraph (3), including implications of the use of such collection as part of a national annual quantity toxic chemical release program.

#### (3) Information collection

- (A) The Administrator shall acquire available mass balance information from States which currently conduct (or during the 5 years after October 17, 1986 initiate) a mass balance-oriented annual quantity toxic chemical release program. If information from such States provides an inadequate representation of industry classes and categories to carry out the purposes of the study, the Administrator also may acquire mass balance information necessary for the study from a representative number of facilities in other States.
- (B) Any information acquired under this section shall be available to the public, except that upon a showing satisfactory to the Administrator by any person that the information (or a particular part thereof) to which the Administrator or any officer, employee, or representative has access under this section if made public would divulge information entitled to protection under section 1905 of title 18, such information or part shall be considered confidential in accordance with the purposes of that section, except that such information or part may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out this section.
- (C) The Administrator may promulgate regulations prescribing procedures for collecting mass balance information under this paragraph.
- (D) For purposes of collecting mass balance information under subparagraph (A), the Administrator may require the submission of information by a State or facility.

#### (4) Mass balance definition

For purposes of this subsection, the term "mass balance" means an accumulation of the annual quantities of chemicals transported to a facility, produced at a facility, consumed at a facility, used at a facility, accumulated at a facility, released from a facility, and transported from a facility as a waste or as a commercial product or byproduct or component of a commercial product or byproduct

# SUBCHAPTER III - GENERAL PROVISIONS

# Sec. 11041. - Relationship to other law

(a) In general

Nothing in this chapter shall -

- (1) preempt any State or local law,
- (2) except as provided in subsection (b) of this section, otherwise affect any State or local law or the authority of any State or local government to adopt or enforce any State or local law, or
- (3) affect or modify in any way the obligations or liabilities of any person under other Federal law.

# (b) Effect on MSDS requirements

Any State or local law enacted after August 1, 1985, which requires the submission of a material safety data sheet from facility owners or operators shall require that the data sheet be identical in content and format to the data sheet required under subsection (a) of section 11021 of this title. In addition, a State or locality may require the submission of information which is supplemental to the information required on the data sheet (including information on the location and quantity of hazardous chemicals present at the facility), through additional sheets attached to the data sheet or such other means as the State or locality considers appropriate

# Sec. 11042. - Trade secrets

- (a) Authority to withhold information
  - (1) General authority
    - (A) With regard to a hazardous chemical, an extremely hazardous substance, or a toxic chemical, any person required under section 11003(d)(2), 11003(d)(3), 11021, 11022, or 11023 of this title to submit information to any other person may withhold from such submittal the specific chemical identity (including the chemical name and other specific identification), as defined in regulations prescribed by the Administrator under subsection (c) of this section, if the person complies with paragraph (2).
    - **(B)** Any person withholding the specific chemical identity shall, in the place on the submittal where the chemical identity would normally be included, include the generic class or category of the hazardous chemical, extremely hazardous substance, or toxic chemical (as the case may be).

#### (2) Requirements

- (A) A person is entitled to withhold information under paragraph (1) if such person -
  - (i) claims that such information is a trade secret, on the basis of the factors enumerated in subsection (b) of this section,
  - (ii) includes in the submittal referred to in paragraph (1) an explanation of the reasons why such information is claimed to be a trade secret, based on the factors enumerated in subsection (b) of this section, including a specific description of why such factors apply, and
  - (iii) submits to the Administrator a copy of such submittal, and the information withheld from such submittal.
- (B) In submitting to the Administrator the information required by subparagraph (A)(iii), a person withholding information under this subsection may -
  - (i) designate, in writing and in such manner as the Administrator may prescribe by regulation, the information which such person believes is entitled to be withheld under paragraph (1), and
  - (ii) submit such designated information separately from other information submitted under this subsection.

#### (3) Limitation

The authority under this subsection to withhold information shall not apply to information which the Administrator has determined, in accordance with subsection (c) of this section, is not a trade secret.

# (b) Trade secret factors

No person required to provide information under this chapter may claim that the information is entitled to protection as a trade secret under subsection (a) of this section unless such person shows each of the following:

- (1) Such person has not disclosed the information to any other person, other than a member of a local emergency planning committee, an officer or employee of the United States or a State or local government, an employee of such person, or a person who is bound by a confidentiality agreement, and such person has taken reasonable measures to protect the confidentiality of such information and intends to continue to take such measures.
- (2) The information is not required to be disclosed, or otherwise made available, to the public under any other Federal or State law.
- (3) Disclosure of the information is likely to cause substantial harm to the competitive position of such person.
- (4) The chemical identity is not readily discoverable through reverse engineering.

# (c) Trade secret regulations

As soon as practicable after October 17, 1986, the Administrator shall prescribe regulations to implement this section. With respect to subsection (b)(4) of this section, such regulations shall be equivalent to comparable provisions in the Occupational Safety and Health Administration Hazard Communication Standard (29 C.F.R. 1910.1200) and any revisions of such standard prescribed by the Secretary of Labor in accordance with the final ruling of the courts of the United States in United Steelworkers of America, AFL-CIO-CLC v. Thorne G. Auchter.

#### (d) Petition for review

#### (1) in general

Any person may petition the Administrator for the disclosure of the specific chemical identity of a hazardous chemical, an extremely hazardous substance, or a toxic chemical which is claimed as a trade secret under this section. The Administrator may, in the absence of a petition under this paragraph, initiate a determination, to be carried out in accordance with this subsection, as to whether information withheld constitutes a trade secret.

#### (2) Initial review

Within 30 days after the date of receipt of a petition under paragraph (1) (or upon the Administrator's initiative), the Administrator shall review the explanation filed by a trade secret claimant under subsection (a)(2) of this section and determine whether the explanation presents assertions which, if true, are sufficient to support a finding that the specific chemical identity is a trade secret.

# (3) Finding of sufficient assertions

- (A) If the Administrator determines pursuant to paragraph (2) that the explanation presents sufficient assertions to support a finding that the specific chemical identity is a trade secret, the Administrator shall notify the trade secret claimant that he has 30 days to supplement the explanation with detailed information to support the assertions.
- (B) If the Administrator determines, after receipt of any supplemental supporting detailed information under subparagraph (A), that the assertions in the explanation are true and that the specific chemical identity is a trade secret, the Administrator shall so notify the petitioner and the petitioner may seek judicial review of the determination.
- (C) If the Administrator determines, after receipt of any supplemental supporting detailed information under subparagraph (A), that the assertions in the explanation are not true and that the specific chemical identity is not a trade secret, the Administrator shall notify the trade secret claimant that the Administrator intends to release the specific chemical identity. The trade secret claimant has 30 days in which he may appeal the Administrator's determination under this subparagraph to the Administrator. If the Administrator does not reverse his determination under this subparagraph in such an appeal by the trade secret claimant, the trade secret claimant may seek judicial review of the determination.

#### (4) Finding of insufficient assertions

- (A) If the Administrator determines pursuant to paragraph (2) that the explanation presents insufficient assertions to support a finding that the specific chemical identity is a trade secret, the Administrator shall notify the trade secret claimant that he has 30 days to appeal the determination to the Administrator, or, upon a showing of good cause, amend the original explanation by providing supplementary assertions to support the trade secret claim.
- (B) If the Administrator does not reverse his determination under subparagraph (A) after an appeal or an examination of any supplementary assertions under subparagraph (A), the Administrator shall so notify the trade secret claimant and the trade secret claimant may seek judicial review of the determination.
- **(C)** If the Administrator reverses his determination under subparagraph (A) after an appeal or an examination of any supplementary assertions under subparagraph (A), the procedures under paragraph (3) of this subsection apply.
- (e) Exception for information provided to health professionals

Nothing in this section, or regulations adopted pursuant to this section, shall authorize any person to withhold information which is required to be provided to a health professional, a doctor, or a nurse in accordance with section 11043 of this title.

(f) Providing information to Administrator; availability to public

Any information submitted to the Administrator under subsection (a)(2) of this section or subsection (d)(3) of this section (except a specific chemical identity) shall be available to the public, except that upon a showing satisfactory to the Administrator by any person that the information (or a particular part thereof) to which the Administrator has access under this section if made public would divulge information entitled to protection under section 1905 of title 18, such information or part shall be considered confidential in accordance

with the purposes of that section, except that such information or part may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out this chapter.

# (g) Information provided to State

Upon request by a State, acting through the Governor of the State, the Administrator shall provide to the State any information obtained under subsection (a)(2) of this section and subsection (d)(3) of this section.

# (h) Information on adverse effects

- (1) In any case in which the identity of a hazardous chemical or an extremely hazardous substance is claimed as a trade secret, the Governor or State emergency response commission established under section 11001 of this title shall identify the adverse health effects associated with the hazardous chemical or extremely hazardous substance and shall assure that such information is provided to any person requesting information about such hazardous chemical or extremely hazardous substance.
- (2) In any case in which the identity of a toxic chemical is claimed as a trade secret, the Administrator shall identify the adverse health and environmental effects associated with the toxic chemical and shall assure that such information is included in the computer database required by section 11023(j) of this title and is provided to any person requesting information about such toxic chemical.

# (i) Information provided to Congress

Notwithstanding any limitation contained in this section or any other provision of law, all information reported to or otherwise obtained by the Administrator (or any representative of the Administrator) under this chapter shall be made available to a duly authorized committee of the Congress upon written request by such a committee.

# Sec. 11043. - Provision of information to health professionals, doctors, and nurses

# (a) Diagnosis or treatment by health professional

An owner or operator of a facility which is subject to the requirements of section 11021, 11022, or 11023 of this title shall provide the specific chemical identity, if known, of a hazardous chemical, extremely hazardous substance, or a toxic chemical to any health professional who requests such information in writing if the health professional provides a written statement of need under this subsection and a written confidentiality agreement under subsection (d) of this section. The written statement of need shall be a statement that the health professional has a reasonable basis to suspect that -

- (1) the information is needed for purposes of diagnosis or treatment of an individual,
- (2) the individual or individuals being diagnosed or treated have been exposed to the chemical concerned, and

(3) knowledge of the specific chemical identity of such chemical will assist in diagnosis or treatment.

Following such a written request, the owner or operator to whom such request is made shall promptly provide the requested information to the health professional. The authority to withhold the specific chemical identity of a chemical under section 11042 of this title when such information is a trade secret shall not apply to information required to be provided under this subsection, subject to the provisions of subsection (d) of this section.

#### (b) Medical emergency

An owner or operator of a facility which is subject to the requirements of section 11021, 11022, or 11023 of this title shall provide a copy of a material safety data sheet, an inventory form, or a toxic chemical release form, including the specific chemical identity, if known, of a hazardous chemical, extremely hazardous substance, or a toxic chemical, to any treating physician or nurse who requests such information if such physician or nurse determines that -

- (1) a medical emergency exists,
- (2) the specific chemical identity of the chemical concerned is necessary for or will assist in emergency or first-aid diagnosis or treatment, and
- (3) the individual or individuals being diagnosed or treated have been exposed to the chemical concerned.

Immediately following such a request, the owner or operator to whom such request is made shall provide the requested information to the physician or nurse. The authority to withhold the specific chemical identity of a chemical from a material safety data sheet, an inventory form, or a toxic chemical release form under section 11042 of this title when such information is a trade secret shall not apply to information required to be provided to a treating physician or nurse under this subsection. No written confidentiality agreement or statement of need shall be required as a precondition of such disclosure, but the owner or operator disclosing such information may require a written confidentiality agreement in accordance with subsection (d) of this section and a statement setting forth the items listed in paragraphs (1) through (3) as soon as circumstances permit.

#### (c) Preventive measures by local health professionals

#### (1) Provision of information

An owner or operator of a facility subject to the requirements of section 11021, 11022, or 11023 of this title shall provide the specific chemical identity, if known, of a hazardous chemical, an extremely hazardous substance, or a toxic chemical to any health professional (such as a physician, toxicologist, or epidemiologist) -

- (A) who is a local government employee or a person under contract with the local government, and
- **(B)** who requests such information in writing and provides a written statement of need under paragraph (2) and a written confidentiality agreement under subsection (d) of this section.

Following such a written request, the owner or operator to whom such request is made shall promptly provide the requested information to the local health professional. The authority to withhold the specific chemical identity of a chemical under section 11042 of this title when such information is a trade secret shall not apply to information required to be provided under this subsection, subject to the provisions of subsection (d) of this section.

# (2) Written statement of need

The written statement of need shall be a statement that describes with reasonable detail one or more of the following health needs for the information:

- (A) To assess exposure of persons living in a local community to the hazards of the chemical concerned.
- **(B)** To conduct or assess sampling to determine exposure levels of various population groups.
- (C) To conduct periodic medical surveillance of exposed population groups.
- (D) To provide medical treatment to exposed individuals or population groups.
- (E) To conduct studies to determine the health effects of exposure.
- (F) To conduct studies to aid in the identification of a chemical that may reasonably be anticipated to cause an observed health effect.

# (d) Confidentiality agreement

Any person obtaining information under subsection (a) or (c) of this section shall, in accordance with such subsection (a) or (c) of this section, be required to agree in a written confidentiality agreement that he will not use the information for any purpose other than the health needs asserted in the statement of need, except as may otherwise be authorized by the terms of the agreement or by the person providing such information. Nothing in this subsection shall preclude the parties to a confidentiality agreement from pursuing any remedies to the extent permitted by law.

#### (e) Regulations

As soon as practicable after October 17, 1986, the Administrator shall promulgate regulations describing criteria and parameters for the statement of need under subsection (a) and (c) of this section and the confidentiality agreement under subsection (d) of this section. "subsections"

# Sec. 11044. - Public availability of plans, data sheets, forms, and follow-up notices

# (a) Availability to public

Each emergency response plan, material safety data sheet, list described in section 11021(a)(2) of this title, inventory form, toxic chemical release form, and followup

emergency notice shall be made available to the general public, consistent with section 11042 of this title, during normal working hours at the location or locations designated by the Administrator, Governor, State emergency response commission, or local emergency planning committee, as appropriate. Upon request by an owner or operator of a facility subject to the requirements of section 11022 of this title, the State emergency response commission and the appropriate local emergency planning committee shall withhold from disclosure under this section the location of any specific chemical required by section 11022(d)(2) of this title to be contained in an inventory form as tier II information.

# (b) Notice of public availability

Each local emergency planning committee shall annually publish a notice in local newspapers that the emergency response plan, material safety data sheets, and inventory forms have been submitted under this section. The notice shall state that followup emergency notices may subsequently be issued. Such notice shall announce that members of the public who wish to review any such plan, sheet, form, or followup notice may do so at the location designated under subsection (a) of this section

# Sec. 11045. - Enforcement

(a) Civil penalties for emergency planning

The Administrator may order a facility owner or operator (except an owner or operator of a facility designated under section 11002(b)(2) of this title) to comply with section 11002(c) of this title and section 11003(d) of this title. The United States district court for the district in which the facility is located shall have jurisdiction to enforce the order, and any person who violates or fails to obey such an order shall be liable to the United States for a civil penalty of not more than \$25,000 for each day in which such violation occurs or such failure to comply continues.

- (b) Civil, administrative, and criminal penalties for emergency notification
  - (1) Class I administrative penalty
    - (A) A civil penalty of not more than \$25,000 per violation may be assessed by the Administrator in the case of a violation of the requirements of section 11004 of this title.
    - **(B)** No civil penalty may be assessed under this subsection unless the person accused of the violation is given notice and opportunity for a hearing with respect to the violation.
    - (C) In determining the amount of any penalty assessed pursuant to this subsection, the Administrator shall take into account the nature, circumstances, extent and gravity of the violation or violations and, with respect to the violator, ability to pay, any prior history of such violations, the degree of culpability, economic benefit or savings (if any) resulting from the violation, and such other matters as justice may require.
  - (2) Class II administrative penalty

A civil penalty of not more than \$25,000 per day for each day during which the violation continues may be assessed by the Administrator in the case of a violation of the requirements of section 11004 of this title. In the case of a second or subsequent violation the amount of such penalty may be not more than \$75,000 for each day during which the violation continues. Any civil penalty under this subsection shall be assessed and collected in the same manner, and subject to the same provisions, as in the case of civil penalties assessed and collected under section 2615 of title 15. In any proceeding for the assessment of a civil penalty under this subsection the Administrator may issue subpoenas for the attendance and testimony of witnesses and the production of relevant papers, books, and documents and may promulgate rules for discovery procedures.

# (3) Judicial assessment

The Administrator may bring an action in the United States District court for the appropriate district to assess and collect a penalty of not more than \$25,000 per day for each day during which the violation continues in the case of a violation of the requirements of section 11004 of this title. In the case of a second or subsequent violation, the amount of such penalty may be not more than \$75,000 for each day during which the violation continues.

# (4) Criminal penalties

Any person who knowingly and willfully fails to provide notice in accordance with section 11004 of this title shall, upon conviction, be fined not more than \$25,000 or imprisoned for not more than two years, or both (or in the case of a second or subsequent conviction, shall be fined not more than \$50,000 or imprisoned for not more than five years, or both).

- (c) Civil and administrative penalties for reporting requirements
  - (1) Any person (other than a governmental entity) who violates any requirement of section 11022 or 11023 of this title shall be liable to the United States for a civil penalty in an amount not to exceed \$25,000 for each such violation.
  - (2) Any person (other than a governmental entity) who violates any requirement of section 11021 or 11043(b) of this title, and any person who fails to furnish to the Administrator information required under section 11042(a)(2) of this title shall be liable to the United States for a civil penalty in an amount not to exceed \$10,000 for each such violation.
  - (3) Each day a violation described in paragraph (1) or (2) continues shall, for purposes of this subsection, constitute a separate violation.
  - (4) The Administrator may assess any civil penalty for which a person is liable under this subsection by administrative order or may bring an action to assess and collect the penalty in the United States district court for the district in which the person from whom the penalty is sought resides or in which such person's principal place of business is located.
- (d) Civil, administrative, and criminal penalties with respect to trade secrets
  - (1) Civil and administrative penalty for frivolous claims

If the Administrator determines -

- (A) (i) under section 11042(d)(4) of this title that an explanation submitted by a trade secret claimant presents insufficient assertions to support a finding that a specific chemical identity is a trade secret, or
  - (ii) after receiving supplemental supporting detailed information under section 11042(d)(3)(A) of this title, that the specific chemical identity is not a trade secret; and
- **(B)** that the trade secret claim is frivolous, the trade secret claimant is liable for a penalty of \$25,000 per claim. The Administrator may assess the penalty by administrative order or may bring an action in the appropriate district court of the United States to assess and collect the penalty.
- (2) Criminal penalty for disclosure of trade secret information

Any person who knowingly and willfully divulges or discloses any information entitled to protection under section 11042 of this title shall, upon conviction, be subject to a fine of not more than \$20,000 or to imprisonment not to exceed one year, or both.

(e) Special enforcement provisions for section 11043

Whenever any facility owner or operator required to provide information under section 11043 of this title to a health professional who has requested such information fails or refuses to provide such information in accordance with such section, such health professional may bring an action in the appropriate United States district court to require such facility owner or operator to provide the information. Such court shall have jurisdiction to issue such orders and take such other action as may be necessary to enforce the requirements of section 11043 of this title.

#### (f) Procedures for administrative penalties

- (1) Any person against whom a civil penalty is assessed under this section may obtain review thereof in the appropriate district court of the United States by filing a notice of appeal in such court within 30 days after the date of such order and by simultaneously sending a copy of such notice by certified mail to the Administrator. The Administrator shall promptly file in such court a certified copy of the record upon which such violation was found or such penalty imposed. If any person fails to pay an assessment of a civil penalty after it has become a final and unappealable order or after the appropriate court has entered final judgment in favor of the United States, the Administrator may request the Attorney General of the United States to institute a civil action in an appropriate district court of the United States to collect the penalty, and such court shall have jurisdiction to hear and decide any such action. In hearing such action, the court shall have authority to review the violation and the assessment of the civil penalty on the record.
- (2) The Administrator may issue subpoenas for the attendance and testimony of witnesses and the production of relevant papers, books, or documents in connection with hearings under this section. In case of contumacy or refusal to obey a subpoena issued pursuant to this paragraph and served upon any person, the district court of the United States for any district in which such person is found, resides, or transacts business, upon application by the United States and after notice to such person, shall have jurisdiction to issue an order requiring such person to appear and give testimony before the administrative law judge or to appear and produce documents before the administrative law judge, or both, and any

failure to obey such order of the court may be punished by such court as a contempt thereof

# Sec. 11046. - Civil actions

- (a) Authority to bring civil actions
  - (1) Citizen suits

Except as provided in subsection (e) of this section, any person may commence a civil action on his own behalf against the following:

- (A) An owner or operator of a facility for failure to do any of the following:
  - (i) Submit a followup emergency notice under section 11004(c) of this title.
  - (ii) Submit a material safety data sheet or a list under section 11021(a) of this title.
  - (iii) Complete and submit an inventory form under section 11022(a) of this title containing tier I information as described in section 11022(d)(1) of this title unless such requirement does not apply by reason of the second sentence of section 11022(a)(2) of this title.
  - (iv) Complete and submit a toxic chemical release form under section 11023(a) of this title.

(B)

The Administrator for failure to do any of the following:

- (i) Publish inventory forms under section 11022(g) of this title.
- (ii) Respond to a petition to add or delete a chemical under section 11023(e)(1) of this title within 180 days after receipt of the petition.
- (iii) Publish a toxic chemical release form under 11023(g) So in original. Probably should be preceded by "section".
- (iv) Establish a computer database in accordance with section 11023(j) of this title.
- (v) Promulgate trade secret regulations under section 11042(c) of this title.
- (vi) Render a decision in response to a petition under section 11042(d) of this title within 9 months after receipt of the petition.
- (C) The Administrator, a State Governor, or a State emergency response commission, for failure to provide a mechanism for public availability of information in accordance with section 11044(a) of this title.

(D) A State Governor or a State emergency response commission for failure to respond to a request for tier II information under section 11022(e)(3) of this title within 120 days after the date of receipt of the request.

#### (2) State or local suits

- (A) Any State or local government may commence a civil action against an owner or operator of a facility for failure to do any of the following:
  - (i) Provide notification to the emergency response commission in the State under section 11002(c) of this title.
  - (ii) Submit a material safety data sheet or a list under section 11021(a) of this title.
  - (iii) Make available information requested under section 11021(c) of this title.
  - (iv) Complete and submit an inventory form under section 11022(a) of this title containing tier I information unless such requirement does not apply by reason of the second sentence of section 11022(a)(2) of this title.
- (B) Any State emergency response commission or local emergency planning committee may commence a civil action against an owner or operator of a facility for failure to provide information under section 11003(d) of this title or for failure to submit tier II information under section 11022(e)(1) of this title.
- (C) Any State may commence a civil action against the Administrator for failure to provide information to the State under section 11042(g) of this title.

#### (b) Venue

- (1) Any action under subsection (a) of this section against an owner or operator of a facility shall be brought in the district court for the district in which the alleged violation occurred.
- (2) Any action under subsection (a) of this section against the Administrator may be brought in the United States District Court for the District of Columbia.

#### (c) Relief

The district court shall have jurisdiction in actions brought under subsection (a) of this section against an owner or operator of a facility to enforce the requirement concerned and to impose any civil penalty provided for violation of that requirement. The district court shall have jurisdiction in actions brought under subsection (a) of this section against the Administrator to order the Administrator to perform the act or duty concerned.

#### (d) Notice

(1) No action may be commenced under subsection (a)(1)(A) of this section prior to 60 days after the plaintiff has given notice of the alleged violation to the Administrator, the State in which the alleged violation occurs, and the alleged violator. Notice under this paragraph shall be given in such manner as the Administrator shall prescribe by regulation.

(2) No action may be commenced under subsection (a)(1)(B) or (a)(1)(C) of this section prior to 60 days after the date on which the plaintiff gives notice to the Administrator, State Governor, or State emergency response commission (as the case may be) that the plaintiff will commence the action. Notice under this paragraph shall be given in such manner as the Administrator shall prescribe by regulation.

#### (e) Limitation

No action may be commenced under subsection (a) of this section against an owner or operator of a facility if the Administrator has commenced and is diligently pursuing an administrative order or civil action to enforce the requirement concerned or to impose a civil penalty under this Act with respect to the violation of the requirement.

#### (f) Costs

The court, in issuing any final order in any action brought pursuant to this section, may award costs of litigation (including reasonable attorney and expert witness fees) to the prevailing or the substantially prevailing party whenever the court determines such an award is appropriate. The court may, if a temporary restraining order or preliminary injunction is sought, require the filing of a bond or equivalent security in accordance with the Federal Rules of Civil Procedure.

#### (g) Other rights

Nothing in this section shall restrict or expand any right which any person (or class of persons) may have under any Federal or State statute or common law to seek enforcement of any requirement or to seek any other relief (including relief against the Administrator or a State agency).

#### (h) Intervention

#### (1) By the United States

In any action under this section the United States or the State, or both, if not a party, may intervene as a matter of right.

#### (2) By persons

In any action under this section, any person may intervene as a matter of right when such person has a direct interest which is or may be adversely affected by the action and the disposition of the action may, as a practical matter, impair or impede the person's ability to protect that interest unless the Administrator or the State shows that the person's interest is adequately represented by existing parties in the action

#### Sec. 11047. - Exemption

Except as provided in section 11004 of this title, this chapter does not apply to the transportation, including the storage incident to such transportation, of any substance or chemical subject to the requirements of this chapter, including the transportation and distribution of natural gas

# Sec. 11048. - Regulations

The Administrator may prescribe such regulations as may be necessary to carry out this chapter

# Sec. 11049. - Definitions

For purposes of this chapter -

# (1) Administrator

The term "Administrator" means the Administrator of the Environmental Protection Agency.

#### (2) Environment

The term "environment" includes water, air, and land and the interrelationship which exists among and between water, air, and land and all living things.

# (3) Extremely hazardous substance

The term "extremely hazardous substance" means a substance on the list described in section 11002(a)(2) of this title.

#### (4) Facility

The term "facility" means all buildings, equipment, structures, and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (or by any person which controls, is controlled by, or under common control with, such person). For purposes of section 11004 of this title, the term includes motor vehicles, rolling stock, and aircraft.

# (5) Hazardous chemical

The term "hazardous chemical" has the meaning given such term by section 11021(e) of this title.

# (6) Material safety data sheet

The term "material safety data sheet" means the sheet required to be developed under section 1910.1200(g) of title 29 of the Code of Federal Regulations, as that section may be amended from time to time.

#### (7) Person

The term "person" means any individual, trust, firm, joint stock company, corporation (including a government corporation), partnership, association, State, municipality, commission, political subdivision of a State, or interstate body.

#### (8) Release

The term "release" means any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels, containers, and other closed receptacles) of any hazardous chemical, extremely hazardous substance, or toxic chemical.

#### (9) State

The term "State" means any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Northern Mariana Islands, and any other territory or possession over which the United States has jurisdiction.

#### (10) Toxic chemical

The term "toxic chemical" means a substance on the list described in section 11023(c) of this title



# COMMONWEALTH OF PENNSYLVANIA OFFICE OF OPEN RECORDS

February 5, 2009

Ms. Terry Styer Chief Clerk, Open Records Officer County Commissioners, Berks County Services Center, 13<sup>th</sup> fl. 633 Court Street Reading, PA 19061

RE: Advisory Opinion Request- Application of the Right to Know Law to Emergency Services Agencies

Dear Ms. Styer:

Thank you for writing to the Office of Open Records with your request for an Advisory Opinion pursuant to the Right-to-Know Law, 65 P.S. §§67.101, et seq., ("RTKL") on behalf of the Berks County Commissioners' Office. Your Advisory Opinion Request ("AO Request") was received by the Office of Open Records ("OOR") January 8, 2009.

In your AO Request, you asked the OOR to interpret the interaction of the RTKL with the U.S. Emergency Planning and Community Right-To-Know Act ("EPCRA"). You advised that EPCRA, part of SARA, (the Superfund Amendments and Reauthorization Act), Title III, provides for the collection and public release of information about the presence and release of hazardous or toxic chemicals, listed as "Extremely Hazardous Substances" in SARA, in the nation's communities.

On January 28, 2009, I contacted you for clarification on the application of EPCRA to Counties. During our conversation, you advised that the County has an emergency services department that is subject to the EPCRA. You further advised that to your knowledge, the County has no mandatory reporting obligations under that law, but the law requires public access to locations of hazardous substances in its borders.

You will be pleased to note that the OOR has decided to grant your request for an Advisory Opinion. Unlike Final Determinations, the law does not establish a deadline for the issuance of Advisory Opinions. The OOR will work diligently to provide Advisory Opinions as soon as practicable; however, please be advised that issuance of an Advisory Opinions will take at least ninety (90) days from the date OOR grants a request for an Advisory Opinion.

The OOR will contact you should any additional facts be necessary to render its Advisory Opinion. We appreciate your cooperation in this regard.

Very truly yours,

Lucinda Glinn



January 5, 2010

Ms. Terry Styer Chief Clerk, Open Records Officer County Commissioners, Berks County Services Center, 13<sup>th</sup> fl. 633 Court Street Reading, PA 19061

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In your request, you ask the OOR to interpret the interaction of the RTKL with the U.S. Emergency Planning and Community Right-To-Know Act ("EPCRA"). You advised that EPCRA, part of SARA, (the Superfund Amendments and Reauthorization Act), Title III, provides for the collection and public release of information about the presence and release of hazardous or toxic chemicals, listed as "Extremely Hazardous Substances" in SARA, in the nation's communities.

On January 28, 2009, this office contacted you for clarification on the application of EPCRA to counties. In response, you advised that your county has an emergency services department that is subject to the EPCRA. You further advised that to your knowledge, counties have no mandatory reporting obligations under that law, requiring public access to locations of hazardous substances located within the borders of governmental entities subject to it.

The RTKL provides in Section 306 that "[n]othing in this act shall supersede or modify the public or nonpublic nature of a record or document established in Federal or State law, regulation or judicial order or decree." 65 P.S. §67.306. Therefore, to the extent that EPCRA makes certain information "public," that information shall remain public notwithstanding any provisions within the RTKL, including any of its exceptions that could be applied to shield it.

The RTKL further contains an express conflict resolution provision which states that "[i]f the provisions of this act regarding access to records conflict with any other federal or state law, the provisions of this act shall not apply." 65 P.S. §67.3101.1. Essentially, in the event of a conflict between the RTKL and a federal law, the federal law shall govern.

Therefore, to the extent that the County observes a conflict between the provisions of EPCRA and the RTKL, EPCRA shall supersede the state law.

Commonwealth Keystone Building | 400 North Street, 4th Floor

Because the RTKL does not impair any other law, or alter/affect the public or non-public nature of information under pre-existing laws, the EPCRA would govern in the event of a conflict between their legal provisions. You should consult your legal counsel to assess how EPCRA applies to your organization as that issue is beyond the OOR's purview in interpreting the RTKL.

Respectfully,

Terry Mutchler

Executive Director