
Appendix C

Additional Information for Assessing the Impacts of TRI Chemicals

SCREENING INFORMATION SYSTEM/LAN (SIS/L)

The SIS/L (Screening Information System/LAN) will enable the public to track chemicals across major OPPT, EPA and federal government databases, information systems and documents collections that contain information on production and use; release, exposure and monitoring; toxicity and hazard; and risk. Users will be able to search for chemicals by both CAS number and chemical name. Acting as a platform for multiple data sources, SIS/L will provide access to chemical information lists and databases regardless of their origin (see Table C-1). EPA is currently working to make SIS/L available on EPA's public access home page as a valuable information source for EPA, other federal agencies, state and local governments, public interest groups, research organizations, non-government organizations, industry, and the public. Table C-1 lists the top 24 TRI chemicals and the related information sources that are listed on SIS/L.

SIS/L Information Lists

Chemicals On Reporting Rules databases (CORR)

Chemicals On Reporting Rules database tracks all proposed and final chemical rules promulgated by US EPA/OPPT.

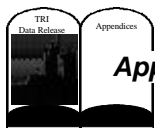
Toxic Substances Control Act Test Submissions (TSCATS)

8(d): Section 8(d) health and safety reporting requirements; chemicals not officially under Section 8(d) reporting requirements, but which had information concurrently submitted along with chemicals under Section 8(d) are also tracked as 8(d) chemicals.

SECT 4: Section 4 Chemical Testing Program (CTP); chemicals not officially under the CTP, but which had information concurrently submitted along with chemicals under the CTP, are also tracked as Section 4 chemicals.

8(e): Section 8(e) Notice of Substantial Risk requires manufacturers, processors or distributors of chemicals to submit to EPA any new data on one of their chemicals that reasonably supports a conclusion that the chemical presents a substantial risk of injury to health or the environment; besides data on health and environmental effects, submitters often make known uses of the chemical, workplace practices and other exposure and market information.

FYI: For Your Information (FYIs) are similar in content to the TSCA Section 8(e) Notices but do not meet the statutory requirements for submission under the Toxic Substances Control Act; besides data on health and environmental effects, submitters often make known uses of the chemical, workplace practices and other exposure and market information.



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Chemical Hazard Information Profile (CHIPs)

Chemical Hazard Information Profiles summarize readily available information on health effects, environmental effects and exposure relating to a specific chemical. CHIPs were prepared by the US EPA, OPPT from about 1978 to 1990; they have since been superseded by other screening reviews in OPPT's current Existing Chemical Program.

Substitute Hazard Profiles (Sub)

Every chemical referenced in a Substitute Hazard Profile; these profiles are similar in content to CHIPs but generally summarize readily available information on only health and environmental effects; these reviews were prepared in the US EPA, OPPT from about 1985 to 1990; they have since been superseded by reviews in OPPT's current Existing Chemical Program.

Health Effects Assessment Summary Table (HEAST)

Every chemical in the Health Effects Assessment Summary Table developed by US EPA, ORD, OHEA; these tables include draft (or unverified) RfD's, RfC's, and cancer potency estimates (both final and draft or unverified) and comments and references.

Chemical Unit Record Estimate (CURE)

Every chemical in the Chemical Unit Record Estimate; an index and summary of all health and environmental efforts and risk reviews published by US EPA, ORD.

Integrated Risk Information System (IRIS)

Every chemical referenced in the US EPA, ORD Integrated Risk Information System, which summarizes official EPA-wide chemical hazard and risk evaluations.

Production/Exposure Profile (PEPs)

Every chemical referenced in a Production/Exposure Profile; PEPs were prepared in the US EPA, OPPT from about 1978 to 1986.

Risk Management Tracking System (RMx)

Every chemical tracked in the Risk Management tracking system for the previous version of the US EPA, OPPT Existing Chemical Program.

TSCA Section 4 Testing Program (MEGA)

Every chemical within the TSCA Section 4 Testing Program including those chemicals with tests in proposal or negotiation stage, those awaiting submission of test results and those awaiting verification of compliance with the test rule or consent order, as well as historical information on chemicals that have completed Section 4 testing.

Screening Information Data Set Program (SIDS)

Every chemical being evaluated under the Screening Information Data Set program; SIDS is an international voluntary information sharing and testing program developed under the aegis of the Organization of Economic Cooperation and Development (OECD); the program is intended to fill basic data gaps on high volume chemicals with little safety information.

Register of Lists (RoL)

Every chemical referenced in the proprietary database Register of Lists (RoL; RoL listed the statutory authority for all chemicals regulated by the US EPA; RoL is no longer supported by the US EPA.

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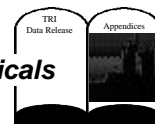
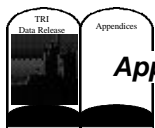


Table C-1. Screening Information System/LAN

CAS Number	Chemical Name	CORR	8(d)	SECT4	8(e)	FYI	CHIP	Sub	HEAST	CURE	IRIS	PEPS
67-56-1	*METHANOL	X	X	X	X	X	X	X	X	X	X	X
75-09-2	*METHANE, DICHLORO-	X	X	X	X	X	X	X	X	X	X	
75-15-0	*CARBON DISULFIDE	X	X	X	X	X	X		X	X	X	
78-93-3	*2-BUTANONE	X	X	X	X	X	X		X	X	X	X
100-42-5	*BENZENE, ETHENYL	X	X	X	X	X	X		X	X	X	
108-88-3	*BENZENE, METHYL	X	X	X	X	X	X		X	X	X	
110-49-6	*ETHANOL, 2 METHOXY-, ACETATE		X	X	X	X	X		X	X		X
110-54-3	*HEXANE	X	X	X	X	X			X	X	X	
110-80-5	*ETHANOL, 2 ETHOXY-	X	X	X	X	X	X		X	X	X	X
111-15-9	*ETHANOL, 2 ETHOXY-, ACETATE		X		X	X			X	X	X	X
1314-13-2	*ZINC OXIDE, (ZNO)		X	X	X					X		
1330-20-7	*BENZENE, DIMETHYL	X	X	X	X	X	X		X	X	X	
7439-92-1	*LEAD	X	X	X	X	X	X	X	X	X	X	
7439-96-5	*MANGANESE	X	X		X	X	X		X	X	X	
7440-47-3	*CHROMIUM	X	X	X	X	X	X			X		
7440-50-8	*COOPER	X	X	X	X	X	X	X	X	X	X	
7440-66-6	* ZINC	X	X	X	X	X	X	X	X	X	X	
7647-01-0	*HYDROCHLORIC ACID	X	X	X	X	X	X			X	X	
7664-38-2	*PHOSPHORIC ACID	X	X	X	X		X				X	
7664-41-7	*AMMONIA	X	X	X	X	X	X	X	X	X	X	
7782-50-5	*CHLORINE	X	X	X	X	X	X			X	X	
14797-55-8	*NITRATE	X	X	X						X	X	
16065-83-1	*CHROMIUM III		X						X	X	X	
18540-29-9	*CHROMIUM (HEXAVALENT)		X		X				X	X	X	

Table C-1. Screening Information System/LAN, continued

CAS Number	Chemical Name	RM(x)	MEGA	SIDS	RoL	WQCD	DWHA	FIFRA	INERT	OSHA	NIOSH	ACGIH
67-56-1	*METHANOL	X			X			X	X	X	X	X
75-09-2	*METHANE, DICHLORO-	X			X	X	X		X	X	X	X
75-15-0	*CARBON DISULFIDE	X	X		X					X	X	X
78-93-3	*2-BUTANONE	X	X	X	X		X		X	X	X	X
100-42-5	*BENZENE, ETHENYL	X		X	X	X	X			X	X	X
108-88-3	*BENZENE, METHYL	X			X	X	X		X	X	X	X
110-49-6	*ETHANOL, 2 METHOXY-, ACETATE	X		X	X					X	X	X
110-54-3	*HEXANE	X			X		X		X	X	X	X
110-80-5	*ETHANOL, 2 ETHOXY-	X	X		X				X	X	X	X
111-15-9	*ETHANOL, 2 ETHOXY-, ACETATE	X			X				X	X	X	X
1314-13-2	*ZINC OXIDE, (ZNO)	X			X			X	X	X	X	X
1330-20-7	*BENZENE, DIMETHYL	X			X		X	X	X	X	X	X
7439-92-1	*LEAD	X			X	X	X			X	X	X
7439-96-5	*MANGANESE	X			X	X				X	X	X
7440-47-3	*CHROMIUM	X			X		X			X	X	X
7440-50-8	*COOPER	X			X	X		X		X	X	X
7440-66-6	* ZINC	X			X	X		X	X		X	
7647-01-0	*HYDROCHLORIC ACID	X	X		X			X	X	X	X	X
7664-38-2	*PHOSPHORIC ACID	X			X			X	X	X	X	X
7664-41-7	*AMMONIA	X			X	X				X	X	X
7782-50-5	*CHLORINE		X		X	X		X		X	X	X
14797-55-8	*NITRATE				X	X						
16065-83-1	*CHROMIUM III										X	X
18540-29-9	*CHROMIUM (HEXAVALENT)				X						X	X



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Water Quality Criteria Document (WQCD)

Every chemical which has a Water Quality Criteria Document form within the US EPA, Office of Water.

Drinking Water Health Advisory (DWHA)

Every chemical which has a Drinking Water Health Advisory as developed the US EPA, Office of Water.

Federal Insecticide & Rodenticide Act (FIFRA)

Every chemical subject to regulation by the US EPA, Office of Pesticide Programs under the Federal Insecticide and Rodenticide Act as a registered Active Ingredient.

Inerts

Every chemical the US EPA, Office of Pesticide Programs has determined to be potentially toxic but are not claimed by pesticide manufacturers to have any pesticidal activity in their registered products.

Occupational Safety and Health Administration (OSHA)

Every chemical for which a PEL (Permissible Exposure Limits) and other workplace standards have been promulgated by the Occupational Safety and Health Administration US DOL.

National Institute for Occupational Safety and Health (NIOSH)

Every chemical in the NIOSH (National Institute for Occupational Safety and Health/NIH/US DHHS) Occupational Exposure Survey (NOES) of around 1980; NOES lists number of workers and number of facilities by SIC codes (Standard Industrial Classification).

American Conference of Governmental Industrial Hygienists (ACGIH)

Every chemical for which workplace standards have been recommended by the American Conference of Governmental Industrial Hygienists.