



STN is operated in North America
by Chemical Abstracts Service.

STN Database Summary Sheet

The **Regulated Chemicals Listing** identifies substances from more than 100 inventories and regulatory lists from around the world. Records contain substance identity information, inventory status, source of information, and summaries of regulatory activity, reports, and other compliance information.

The database began with national chemical inventories such as TSCA, EINECS, and ENCS. Today it includes international lists such as HPVs, pollutant release inventories, priority chemicals, and dangerous chemicals with transportation restrictions.

CHEMLIST offers the convenience of identifying—in one place—the regulatory requirements for a specific substance from many of the world's most significant regulated substances lists.

Sources

CHEMLIST was originally built from data in the 1985 TSCA Inventory and supplements, and updates from the U.S. Government Federal Register. Over time more than 100 additional collections of data have been added. Sources of the data include web sites, official government lists, gazettes, newsletters, bulletins, and electronic data feeds.

For a complete list of the inventories and regulatory lists covered by CHEMLIST, visit www.cas.org/expertise/cascontent/regulated/substance.html.

File Data

- 1979 to the present
- More than 245,000 records (4/07)
- Updated weekly with more than 50 additions to existing records or new substances
- PMN/NOC information appears in CHEMLIST within a week of when it is published in the Federal Register
- Automatic current-awareness searches (SDIs) are run weekly

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

Database Producer

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CHEMLIST**SEARCH and DISPLAY Field Codes**

The field that allows left truncation (/BI) is marked with an asterisk (*).

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index * (contains CAS Registry Numbers and single words from all fields except AN, CBI, DEF, FA, and FS) (1)	None (or /BI)	S ?BROMO? AND INHAL? S 77-47-4 S ECOTOXIC? S P 79-11	All fields except AN, CBI, DEF, FA, FS
ACGIH Threshold Limit Values California Proposition 65 List Canadian Legislation Affecting Chemicals CAS Registry Number CERCLA Hazardous Substances CFR Section CFR Title (2) Chemical Hazard Information Profile Chemical Name Chemical/Physical Properties Citizens' Petition - TSCA Section 21 Clean Air Act 1990 Amendments Hazardous Air Pollutants Clean Air Act National Ambient Air Quality Standards Clean Air Act Ozone Depleting Compounds Clean Air Act Section 111 Volatile Organic Compounds Clean Water Act Sections 301, 307, and 311	/TLV /PROP65 /CANL /RN /CERHS /SC /CFR /CHP /CN /PROP /PET /HAP /AAQS /ODC /VOC /CWA	S BENZENE/TLV S REPROD? TOXIC? /PROP65 S IMPORT?/CANL S 77-47-4/RN S RQ/CERHS S 29 CFR 1910.119/SC S 40 CFR PART 116/CFR S CARCIN?/CHP S M-CRESOL/CN S SOLUBILITY/PROP S PCB/PET S ACETALDEHYDE/HAP S AEROSOL/AAQS S METHYL BROMIDE/ODC S EMISSION STANDARDS/VOC S RQ/CWA S POLLUTANT/CWA S PUBLIC/CBI S 9000-78-6/XRN S FATTY ACID#/DEF S BUTYROLACTONE/CGB S BUTYRIC ACID/CGN S FORBIDDEN/HAZT S DESOMORPHINE/DEA	TLV PROP65 CANL RN CERHS SC CFR CHP CN PROP PET HAP AASQ ODC VOC CWA
Confidentiality Status Cross-Reference Registry Number Definition for UVCB Substances DOT Coast Guard Bulk Hazardous Materials DOT Coast Guard Noxious Liquids DOT Hazardous Materials Table Drug Enforcement Administration Precursor and Essential Chemicals EEC Classification, Packaging, and Labeling of Dangerous Substances Entry Date (3) EPA Pesticide Active Ingredients EPA Pesticide Inert Ingredients EPA Significant New Alternatives Program for CFCs and Halon European Community Legislation Exemption from PMN FDA FDA Food Substances Generally Recognized as Safe FDA Priority-Based Assessment of Food Additives Field Availability	/CBI /XRN /DEF /CGB /CGN /HAZT /DEA /EECDS /ED /PAI /PII /SNAP /EECL /5H (or /EXM) /FDA /FGRAS /PAFA /FA	S R 45/EECDS S ASBESTOS/EECDS S ED>=940100 S SODIUM FUMARIN/PAI S LARD/PII S LIMITS/SNAP S EXPOSURE/EECL S INK?/5H S ALCOHOL/FDA S RUE/FGRAS S PARSLEY/PAFA S 4A/FA S EHS/FA S TSCA/FS;S ENCS/FS S EINECS/FS S AICS/FS S (HAZARD CLASSIFICATION/WGK	CBI XRN DEF CGB CGN HAZT DEA ECDS Not displayed PAI PII SNAP EECL 5H FDA FGRAS PAFA FA
File Segment	/FS	S TSCA/FS;S ENCS/FS S EINECS/FS S AICS/FS S (HAZARD CLASSIFICATION/WGK	FS
German Water Hazard Class Substance List Hazard, Toxicology, and Use Information Health Advisory Health Hazards High Production Volume Chemicals Import - Export Regulation Insufficient Data Order Interagency Testing Committee Interagency Testing Committee Candidate International Agency for Research on Cancer Inventory Status	/WGK /HTU /HA /HHAZ /HPV /IER /5E (or /INS) /4E (ITC) /ICC /IARC /INV	S MUTATION/HTU S WORKER#/HA S INHALATION RISK/HHAZ S UNITED STATES/HPV S TEST RULE/IER S NEURO?/5E S CARCIN?/4E S REVIEW#/ICC S GROUP 1/IARC S (YES AND TSCA)/INV	WGK HTU HA HHAZ HPV IER 5E ITC ICC IARC INV

SEARCH and DISPLAY Field Codes (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Inventory Status Text	/INVT	S CANADA GAZETTE/INVT	INV
Inventory Update Rule	/IUR	S 1998/IUR	IUR
Massachusetts Toxic and Hazardous Substance List	/MASS	S CAMPHOR OIL/MASS	MASS
Michigan Critical Materials Register	/SMI	S PARATHION/SMI	SMI
Minnesota Right-to-Know	/SMN	S CYCASIN/SMN	SMN
Miscellaneous Regulation (4)	/MISC	S DIOXIN#/MISC	MISC
National Toxicology Program Carcinogen List	/NTPC	S PHENYTOIN/NTPC	NTPC
National Toxicology Program Technical Reports List	/TRNTP	S PHENOL/TRNTP	TRNTP
New York Hazardous Substances Release and Bulk Storage	/SNY	S CALCIUM/SNY	SNY
NIOSH Recommended Exposure Limits	/NREL	S HYDROGEN PEROXIDE/NREL	NREL
OECD Screening Information Data Set Project	/SIDS	S BASE LEVEL/SIDS	SIDS
OSHA Highly Hazardous Chemicals	/HHC	S ALLEGATION#/HHC	HHC
OSHA Permissible Exposure Levels	/PEL	S PHOSGENE/PEL	PEL
Pennsylvania Right-to-Know	/SPA	S HAZARD/SPA	SPA
Premanufacture Notice	/5A1 (or /PMN)	S (AMES TEST)/PMN	PMN
Premanufacture Notice Number	/5A1N (or /PMNN)	S Y 89-75/PMNN	PMN
RCRA Halogenated Organic Compounds	/HOC	S PCBS/HOC	HOC
RCRA Land Disposal Restrictions	/LDR	S STANDARD/LDR	LDR
Regulatory List Number	/RLN	S P 92-150/RLN	RLN
Report on Volume, Exposure, Etc. Risk May Be Unreasonable	/8A (or /REP)	S CAIR/8A	8A
Safe Drinking Water Act Maximum Contaminant Level Goal	/4F (or /RIS)	S CANCER/4F	4F
Safe Drinking Water Act Maximum Contaminant Levels	/MCLG	S L1 AND PRIMAY/MCLG	MCLG
SARA Title III/EPCRA Extremely Hazardous Substances	/MCL	S L1 AND MAXIMUM/MCL	MCL
Section Update Date (3)	/EHS	S EMERGENCY PLAN?/EHS	EHS
Significant New Use Rule	/SUP	S SUP>880800(L)S110 /FA	Not displayed
State of Illinois Right to Know Toxic Substances List	/5A2 (or /RSNU)	S CHLORINATED/RSNU	RSNU
State of Louisiana Right-to-Know	/SIL	S TEMEPHOS/SIL	SIL
State of New Jersey Right-to-Know	/SLA	S SARIN/SLA	SLA
State of New York Right-to-Know	/SNJ	S MUTAGEN/SNJ	SNJ
State of Rhode Island Right-to-Know Storage/Handling/Environment	/SNY	S AIR/SNY	SNY
Studies on Toxicity/Exposure	/SRI	S CYCLOPROPANE/SRI	SRI
Substantial Risk Report	/STOR	S S SPILLAGE DISPOSAL/STOR	STOR
Superfund Amendment Reauthorization Act - Section 110	/STY	S DAPHN?/STY	STY
Superfund Amendment Reauthorization Act - Section 313	/8E (or /SRR)	S DU PONT/STY	8E
Supplemental Data from the Japanese ENCS Test Rule - TSCA Section 4a	/S110	S TERATO?/8E	S110
Transportation/Packaging/Labeling	/S313	S PRIORITY LIST?/S110	S313
TSCA Section 4 Master Testing List	/JDATA	S COPPER/S313	S313
Unpublished Report of Health/Safety Studies	/4A (or /TES)	S ACCUMULATED/JDATA	JDATA
Unreasonable Risk - TSCA Section 6	/TRANS	S FINAL RULE/4A	4A
Update Date (3)	/MTL	S UNBREAKABLE/TRANS	TRANS
UVCB Chemical Category	/8D (or /UNP)	S (FIRST LISTED 1990) MTL	MTL
Violations to Miscellaneous Regulations or Advisory Lists	/UNR	S MORTALITY/8D	8D
WHMIS Ingredient List (Canada)	/UP	S METALWORK?/UNR	UNR
	/UVCB	S UP>=941000	Not displayed
	/VIO	S ACID CHLORIDES/UVCB	UVCB
	/WHMIS	S PHENOLS/UVCB	VIO
		S PCB/VIO	WHMIS

(1) At least four characters need to be used for the length of the stem for left truncation.

(2) Search with implied (S) proximity is available in this field.

(3) Numeric search field that may be searched with numeric operators or ranges.

(4) Contains TSCA Section 8(c) submissions to EPA.

CHEMLIST**DISPLAY and PRINT Formats**

Any combination of formats may be used to DISPLAY or PRINT answers. Multiple codes must be separated by spaces or commas, e.g., D RN FA. The fields are displayed or printed in the order requested.

Hit-term highlighting is available in all fields except AN and FA. Highlighting must be ON in order to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
4A (TES)	Test Rule - TSCA Section 4A	D 1-5 4A
4E (ITC)	Interagency Testing Committee	D 4E 5-15 L41
4F (RIS)	Risk May Be Unreasonable	D L2 4F 1-3,5 9
5A1 (PMN)	Premanufacture Notice	D 1-5 5A1
5A2 (RSNU)	Significant New Use Rule	D 5A2 L7
5E (INS)	Insufficient Data Order	D L1 5 5E
5H (EXM)	Exemption from PMN	D 5H 3 L7
8A (REP)	Report on Volume, Exposure, Etc.	D 8, 11, 15 8A
8D (UNP)	Rule Calling for Unpublished Health/Safety Studies	D UNP
8E (SRR)	Substantial Risk Report	D 8E 4A
AAQS	Clean Air Act National Ambient Air Quality Standards	D AAQS
AN (1)	Accession Number	D 1-10 AN
CBI	Confidentiality Status	D CBI 2-3
CERHS	CERCLA Hazardous Substances	D CERHS
CFR	CFR Title	D CFR 5-10
CGB	DOT Coast Guard Bulk Hazardous Materials	D CGB
CGN	DOT Coast Guard Noxious Liquids	D CGN
CHP	Chemical Hazard Information Profile	D L4 2-6 CHP
CN (2)	Chemical Name	D 1-7 L2 CN
CWA	Clean Water Act Sections 301, 307, and 311	D CWA
DEA	Drug Enforcement Administration Precursor	D DEA
DEF	Definition for UVCB Substances	D DEF
EECDS	EEC Classification, Packaging, and Labeling of Dangerous Substances	D EECDS
EHS	SARA Title III/EPCRA Extremely Hazardous Substances	D EHS
EPN	EPA Number	D EPN
FA (1)	Field Availability	D FA 1-5
FCN (3)	Full Chemical Name	D FCN 1-3
FDA	Federal Drug Administration Regulations	D FDA
FGRAS	FDA Food Substances Generally Recognized	D FGRAS
FS	File Segment	D FS L5 1-2
HA	Health Advisory	D L9 HA
HAP	Clean Air Act 1990 Amendmens Hazardous Air Pollutants	D HAP
HAZT	DOT Hazardous Materials Table	D HAZT
HHAZ	Health Hazards	D HHAZ
HHC	OSHA Highly Hazardous Chemicals	D L1 HHC
HOC	RCRA Halogenated Organic Compounds	D HOC
HPV	High Production Volume Chemicals	D HPV
HTU	Hazard, Toxicology, and Use Information	D HTU
IARC	International Agency for Research on Cancer	D IARC
ICC	Interagency Testing Committee Candidate	D ICC INV
IER	Import - Export Regulation	D IER
INV	Inventory Status	D INV
ITC	Interagency Testing Committee	D ITC 5-15 L41
IUR	Inventory Update Rule	D IUR
JDATA	Supplemental Data from the Japanese ENCS	D JDATA
LDR	RCRA Land Disposal Restrictions	D LDR
MASS	Massachusetts Toxic and Hazardous Substance List	D MASS
MCL	Safe Drinking Water Act Maximum Contaminant Levels	D MCL
MCLG	Safe Drinking Water Act Maximum Contaminant Level Goals	D MCLG
MISC	Miscellaneous Regulations	D MISC
MTL	TSCA Section 4 Master Testing List	D MTL
NREL	NIOSH Recommended Exposure Limits	D NREL
NTPC	National Toxicology Program Carcinogen List	D NTPC
ODC	Clean Air Act Ozone Depleting Compounds	D ODC
PAFA	FDA Priority-Based Assessment of Food Additives	D PAFA
PAI	EPA Pesticide Active Ingredients	D PAI

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
PEL	OSHA Permissible Exposure Levels	D PEL
PET	Citizens' Petition - TSCA Section 21	D PET 1-3
PII	EPA Pesticide Inert Ingredients	D PII
PROP	Chemical/Physical Properties	D PROP
PROP65	California Proposition 65 List	D PROP65
RLN	Regulatory List Number	D RLN
RN	CAS Registry Number	D 1, 4, 8 RN
S110	Superfund Amendment Reauthorization Act Section 110	D S110
S313	Superfund Amendment Reauthorization Act Section 313	D S313
SC	CFR Section	D SC L1 4
SIDS	OECD Screening Information Data Set Project	D SIDS
SIL	State of Illinois Right-to-Know Toxic Substances List	D SIL
SLA	State of Louisiana Right-to-Know	D SLA
SMI	Michigan Critical Materials Register	D SMI
SMN	Minnesota Right-to-Know	D SMN
SNAP	EPA Significant New Alternatives Program for CFCs and Halon	D SNAP
SNJ	State of New Jersey Right-to-Know	D SNJ
SNY	New York Hazardous Substances Release and Bulk Storage	D SNY
SPA	Pennsylvania Right-to-Know	D SPA
SRI	State of Rhode Island Right-to-Know	D SRI
STOR	Storage/Handling/Environment	D STOR
STY	Unpublished Reports on Toxicity/Exposure Studies	D 1-3 STY
TLV	ACGIH Threshold Limit Values	D TLV
TRANS	Transportation/Packaging/Labeling	D TRANS
TRNTP	National Toxicology Program Technical Reports List	D TRNTP
UNR	Unreasonable Risk - TSCA Section 6	D UNR
UVCB	UVCB Subset Heading	D UVCB
VIO	Violations to Miscellaneous Regulations or Advisory Lists	D VIO 2-6 L3
VOC	Clean Air Act Section 111 Volatile Organic Compounds	D VOC
WGK	German Water Hazard Class Substance List	D WGK
XRN	Cross-Reference Registry Number	D XRN
ALL	AN, RN, CN, DEF, FS, UVCB, CBI, XRN, CFR, SC, RLN, INV, FA, PMN, 4A, 4F, 5E, 5H, 8A, 8D, 8E, CHP, HA, ICC, IER, ITC, MTL, PET, RSNU, STY, IUR, UNR, AAQS, HAP, ODC, VOC, CERHS, CWA, PAI, PII, HOC, LDR, EHS, S110, S313, MCL, CGB, CGN, HAZT, FDA, FGRAS, PAFA, NREL, HHC, PEL, CANL, WHMIS, EECDS, EECL, WGK, JDATA, STOR, DEA, TRANS, HTU, IARC, HHAZ, HPV, PROP, SIDS, NTPC, TLV, TRNTP, VIO, MISC, PROP65, SIL, SLA, MASS, SMI, SMN, SNJ, SNY, SRI, SPA	D ALL
FIDE	All substance identification, including all names, and legal status (AN, RN, CN, DEF, FS, CBI, UVCB, XRN, CFR, SC, RLN, INV, FA)	D FIDE
IDE	Substance identification (up to 50 names) and legal status (AN, RN, CN, DEF, FS, CBI, UVCB, XRN, CFR, SC, INV, FA)	D 1-10 IDE
QRD	Query related data (IDE plus HIT) (default)	D
HIT	Fields containing hit terms	D AN HIT
KWIC	Hit terms plus 20 words on either side (Key-Word-In-Context)	D 3 L5 KWIC
OCC (1)	Number of occurrences of hit terms and fields in which they occur	DIS 1-10 OCC

(1) No online display fee for this format.

(2) CN format displays the first 50 names, plus any hit names.

(3) FCN format displays all available chemical names.

CHEMLIST**SELECT, ANALYZE, and SORT Fields**

The SELECT command is used to create E-numbers or an L-number containing terms from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
CAS Registry Number	RN	Y	Y
CFR Section	SC	Y	Y
CFR Title	CFR	Y	Y
Chemical Name	CN	Y (default) (2)	Y
	FCN	Y (3)	N
	NAME	Y (4)	N
Chemical Names and CAS Registry Numbers	CHEM	Y (4)	N
Confidentiality Status	CBI	N	Y
Cross-Reference Registry Number	XRN	Y	N
Definition	DEF	Y	N
File Segment	FS	N	Y
Inventory Status	INV	N	Y
Occurrence Count of Hit Terms	OCC	N	Y
Premanufacture Notice Number	PMNN	Y	Y
Regulatory List Number	RLN	Y	Y

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT PMNN.

(2) Up to 50 available names are extracted.

(3) All available chemical names are extracted.

(4) Appends /BI to the terms created by SELECT.

Sample Record**DISPLAY ALL**

(Display the FA (Field Availability) field before requesting the ALL format to determine the amount and type of information in the record)

```
AN      8156 CHEMLIST
RN      1338-23-4
CN      2-Butanone, peroxide (TSCA, DSL, EINECS, ENCS, AICS, SWISS, PICCS, ASIA-PAC)
        Peroxyde de butan-2-one (French) (DSL)
        butanone-2, peroxyde (French) (EINECS)
        2-Butanon, Peroxid (German) (EINECS)
        2-butanona, peroxido (Spanish) (EINECS)
        2-Butanone peroxide (ECL)
        2-BUTANON-PEROXID (German) (SWISS)
        BUTAN-2-ONE PEROXIDE (PICCS)
        METHYL ETHYL KETONE PEROXIDE (PICCS)
        Butanox LPT
        Butanox M 105
        Butanox M 50
        Cat-M
        Chaloxyd MEKP-HA 1
        Chaloxyd MEKP-LA 1
        Delta X 9
        Diprometil LA 50R
        Ethyl methyl ketone peroxide
        FR 222
        Hi-Point 180
```

Hi-Point 90
Kayamek A
Kayamek M
Ketonox
Lucidol DDM 9
Lucidol Delta X
Lupersol DDA 30
Lupersol DDM
Lupersol DDM 9
Lupersol Delta X
Lupersol Delta X 9
Lupersol DHD 9
Lupersol DNF
Lupersol DSW
MEK peroxide
MEKP-NA 1
MEKPO
Mepox
Mepox 55
Methyl ethyl ketone hydroperoxide
Permek G
Permek H
Permek N
Superox 46-710

FS ASIA-PACIFIC: ASIA-PAC; AUSTRALIA: AICS; CANADA: DSL, WHMIS; EEC: EINECS;
JAPAN: ENCS; KOREA: ECL; PHILIPPINES: PICCS; SWITZERLAND: SWISS; USA: ACGIH,
CERCLA, DOT, NIOSH, NTP, OSHA, SARA, STATE, TSCA

CBI Public
UVCB Peroxides
CFR 29 CFR Part 1910; 40 CFR Part 302
SC 29 CFR 1910.119
RLN EPA No.: HW(RCRA) U160
EINECS No.: 215-661-2
ENCS No.: 5-667X
ECL Serial No.: KE-03883
SWISS No.: G-2430

INV On TSCA Inventory
January 2003 Inventory Tape.
On DSL
Supplement to Canada Gazette, Part I, January 26, 1991.
On EINECS
Annex to Official Journal of the European Communities, 15 June 1990.
Annex to Official Journal of the European Communities, 15 June 1990.
On ENCS
Unlisted chemical name. For ENCS chemical class or category name,
refer to ENCS No. 5-667.
On AICS
Australian Inventory of Chemical Substances, June 1996 Ed.
On ECL
Korean Existing Chemicals List, January 1997.
On SWISS
Giftliste 1 (List of Toxic Substances 1), 31 May 1999.
Toxic Category 2.
On PICCS
Philippines Inventory of Chemicals and Chemical Substances, 2000.
On ASIA-PAC

FA RN CAS Registry Number
RLN Regulatory List Number
INV Inventory Status
8A Report On Volume, Exposure, Etc.
8E Substantial Risk Report
MTL TSCA Section 4 Master Testing List
PET Citizens' Petition - TSCA Section 21
IUR Inventory Update Rule
CERHS CERCLA Hazardous Substances
HAZT DOT Hazardous Materials Table
NREL NIOSH Recommended Exposure Limits
HHC OSHA Highly Hazardous Chemicals (OSHA)

CHEMLIST

WHMIS WHMIS Ingredient List (Canada)
 WGK German Water Hazard Class Substance List
 HTU Hazard, Toxicology, and Use Information (RTECS)
 HPV High Production Volume Chemicals
 SIDS OECD Screening Information Data Set Project
 TLV ACGIH Threshold Limit Values
 TRNTP National Toxicology Program Technical Reports (NTP)
 SIL State of Illinois Right-to-Know
 MASS Massachusetts Right-to-Know
 SMN Minnesota Right-to-Know
 SNJ New Jersey Right-to-Know
 SPA Pennsylvania Right-to-Know

==== U.S. EPA Regulations - TSCA ====

8A Report On Volume, Exposure, Etc.
 Fed. Regist. 45 #42:13646 (29 Feb 1980).
 Proposal to require manufacturers (including miners and importers) and certain processors of this substance to report production and exposure-related data, which will be used for ranking substances for investigation and for preliminary risk assessments.

8E Substantial Risk Report
 Pesticide Toxic Chem. News 21 #24:23 (14 Apr 1993).
 Results from preliminary mortality study; Society of the Plastics Industry (SPI); statistically significant increases in deaths from certain type of cancers; lung cancer; kidney cancer; prostate cancer; cancer of cervix uteri; cancer of the other female genital organs; hypertensive heart disease; certain nonmalignant respiratory disease; motor vehicle accidents; study done on 15,878 male and female employees who worked at least six months between 1948 and 1977 in reinforced plastics and composites industry; no increase in mortality from lymphatic and hematopoietic cancers; no increase in leukemia

MTL TSCA Section 4 Master Testing List
 URL: <http://www.epa.gov/opptintr/chemtest/mtl.htm> (27 Mar 2001).
 This substance is on the Master Testing List (MTL).
 First listed: 1996.

PET Citizens' Petition - TSCA Section 21
 Fed. Regist. 57 #174:41020 (08 Sep 1992).
 EPA is not proposing to add this chemical to the list of toxic substances subject to reporting under Section 313 of EPCRA because the available data do not indicate that this chemical meets the criteria of EPCRA 313(d)(2). This action is in response to petitions from the Governor of New York and the Natural Resources Defense Council.

IUR Inventory Update Rule
<http://www.epa.gov/oppt/iur/index.htm> (01 Jan 2003).
 This chemical was reported under the TSCA Inventory Update Rule for the following reporting period(s): 1986, 1990, 1994, 1998.

==== U.S. EPA Regulations - CERCLA ====

CERHS CERCLA Hazardous Substances
 Code of Federal Regulations 40CFR302 v. 24 Table 302.4 (01 July 2001).
 This substance is on the CERCLA List of Hazardous Substances. Releases exceeding the Final Reportable Quantity (RQ) are subject to reporting. The RQ for this substance is 10 lbs./4.54 kg.
 Listed Name(s): Methyl ethyl ketone peroxide; 2-Butanone, peroxide

==== U.S. EPA Regulations - CERCLA ====

CERHS CERCLA Hazardous Substances
 Code of Federal Regulations (CFR) v.40 Part 302 Table 302.4 (01 Jul 1997).
 This substance is on the CERCLA List of Hazardous Substances. Releases exceeding the Final Reportable Quantity (RQ) are subject to reporting. The RQ for this substance is 10 lbs./4.54 kg.

==== U.S. DOT Regulations ====

HAZT DOT Hazardous Materials Table
 Fed. Regist. 59 #249:67395 (29 Dec 94)
 Listed Name(s): Methyl ethyl ketone peroxide, in solution with 9% by mass active oxygen [Forbidden]

==== U.S. NIOSH Regulations ====

NREL NIOSH Recommended Exposure Limits
DHHS (NIOSH) Publication No. 92-100
Listed Name(s): MEKP
Methyl ethyl ketone peroxide
REL: 0.2 ppm (1.5 mg/m3) ceiling
Health Effects: Eye and skin irritation; lung, liver, and kidney damage.

==== U.S. OSHA Regulations ====

HHC Highly Hazardous Chemicals
Code of Federal Regulations (CFR) v.29 Part 1910, Section 1910.119, July 1, 1997.
Highly Hazardous Chemicals (HHCs). Final rule that establishes standards associated with processes using highly hazardous chemicals (HHCs) to prevent or minimize the consequences of catastrophic releases of toxic, reactive, flammable, or explosive chemicals. Facilities covered by the rule process one or more HHC in quantities equal to or greater than a designated Threshold Quantity (TQ). Process is defined as any activity involving a HHC including any use, storage, manufacturing, handling, or the on-site movement of such chemicals, or combination of these activities. The TQ for concentrations of this substance 60% is 5,000 lbs.

==== U.S. OSHA Regulations ====

HHC Highly Hazardous Chemicals
Fed. Regist. 57 #36:6356 (24 Feb 1992); Code of Federal Regulations (CFR) v.29 Part 1910, Section 1910.119, July 1, 1992. Effective date: 26 MAY 1992.
Highly Hazardous Chemicals (HHCs). Final rule that establishes standards associated with processes using highly hazardous chemicals (HHCs) to prevent or minimize the consequences of catastrophic releases of toxic, reactive, flammable, or explosive chemicals. Facilities covered by the rule process one or more HHC in quantities equal to or greater than a designated Threshold Quantity (TQ). Process is defined as any activity involving a HHC including any use, storage, manufacturing, handling, or the on-site movement of such chemicals, or combination of these activities. The TQ for concentrations of this substance 60% is 5,000 lbs.

==== Canadian Regulations ====

WHMIS WHMIS Ingredient List (Canada)
Workplace Hazardous Material Information System (WHMIS). Canada Gazette, Part II, 122(2) (01 Jan 88)
Listed Name(s): Methyl ethyl ketone peroxide

==== European Community Regulations ====

WGK German Water Hazard Class Substance List
German Water Hazard Class Substances List, 09 Jan 2002.
This substance has been assigned a Water Hazard Classification under the June 1999 Administrative Regulation on Substances Hazardous to Waters (Verwaltungsvorschrift wassergefahrdende Stoffe) in Germany.
German Water Hazard Classification (WGK) Number: 1.
Listed Name(s): Methylethylketonperoxid.
Kenn-Number: 1108.
Classification according to VwVwS.

==== Miscellaneous Regulations or Advisory Lists ====

HTU Hazard, Toxicology, and Use Information
Human Data
Skin / Eye Irritant
Tumor data (RTECS)

HPV High Production Volume Chemicals
ICCA Working List <http://www.cefic.org/activities/hse/mgt/hpv/hpvinit.htm> (15 Jul 2002).
This substance is listed on the ICCA Main Working List of High Production Volume Chemicals. This substance is considered HPV or otherwise of interest in two or more regions (i.e. North America, Europe, or Japan). This list is sponsored by the International Council of Chemical Associations (ICCA).

CHEMLIST

- HPV High Production Volume Chemicals
2000 OECD List of High Production Volume Chemicals
URL:<http://www1.oecd.org/ehs/HPV.HTM> (Feb 2001).
This substance is listed on the 2000 OECD List of High Production Volume Chemicals. This substance was produced at a level greater than 1,000 tons/year in at least one member country of the European Union. It is a high production volume (HPV) chemical.
- HPV High Production Volume Chemicals
1990 U.S. HPV Challenge Program Chemical List. URL:
<http://www.epa.gov/chemrtk/hpvchmlt.htm> (18 Dec 2002).
This substance is listed on the U.S. HPV Challenge Program Chemical List. This substance was manufactured/imported into the United States in amounts equal to or greater than one million pounds per year. This chemical is otherwise being handled under the Organization for Economic Co-operation and Development (OECD) HPV Screening Information Data Set (SIDS) Program. This chemical has a fully sponsored commitment under the HPV Challenge Program.
- SIDS OECD Screening Information Data Set Project
OECD SIDS Chemicals <http://www1.oecd.org/ehs/sidstable/index.htm> (Feb 2002).
The Screening Information Data Set (SIDS) program operated under the auspices of the Organization for Economic Cooperation and Development (OECD) is a voluntary cooperative international testing program that began in 1989. The SIDS program is focused on developing base level test information on approximately 600 poorly characterized international HPV chemicals. The SIDS data are used to "screen" the chemicals and set priorities for further testing or risk assessment/management activities. This substance is an HPV chemical for which a SIDS is available.
- TLV ACGIH Threshold Limit Values
American Conference of Governmental Industrial Hygienists Threshold Limit Values and Biological Exposure Indices for 1999
Listed Name(s): Methyl ethyl ketone peroxide
Ceiling (0.2 ppm)
- TRNTP National Toxicology Program Technical Reports List
NTP Technical Report Series (available from NTIS)
Listed Name(s): Methyl ethyl ketone peroxide
==== U.S. State Regulations ====
- SIL State of Illinois Right-to-Know Toxic Substances List
List discontinued per Illinois Department of Labor, Safety Inspection and Education Division (01 Jul 1997).
Illinois Register, Section 205, Table A, Toxic Substances List (1991)
Listed Name(s): Methyl ethyl ketone peroxide
- MASS Massachusetts Right-to-Know
Massachusetts Substance List for Right-to-Know Law (Apr 93).
General Law C.111F, Chapter 30A (28 Jun 84); 105 CMR 670.000, Appendix A
Listed Name(s): 2-Butanone peroxide; Methyl ethyl ketone peroxide.
First Listed: Apr 1993.
- SMN Minnesota Right-to-Know
<http://www.revisor.leg.state.mn.us/arule/5206/0400.html> (21 Jun 2002).
This substance is listed on the Minnesota Hazardous Substances List
Listed Name(s): Methyl ethyl ketone peroxide.
- SNJ New Jersey Right-to-Know
New Jersey Department of Health Hazard Right-to-Know Program Hazardous Substance List, December 1989.
Special Health Hazard Code(s): None
Common Name(s): METHYL ETHYL KETONE PEROXIDE; 2-BUTANONE PEROXIDE;
2-BUTANONE, PEROXIDE
- SPA Pennsylvania Right-to-Know
Pennsylvania Department of Labor and Industry Hazardous Substance List 1989.
Listed Name(s): 2-BUTANONE, PEROXIDE
Special Health Hazard Code(s): (E) Environmental Hazard