



STN is operated in North America  
by Chemical Abstracts Service.

## STN Database Summary Sheet

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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](http://www.cas.org/expertise/cascontent/regulated/substance.html).

### File Data

- 1979 to the present
- More than 247,900 records (5/09)
- 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

Chemical Abstracts Service  
P.O. Box 3012  
Columbus, OH 43210-0012 USA  
Phone: 800-753-4227 (North America)  
614-447-3700 (worldwide)  
Fax: 614-447-3751  
E-mail: [help@cas.org](mailto:help@cas.org)

### Database Representative

See <http://www.cas.org/support/agents.html> for a list of worldwide representatives

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#### In North America

CAS  
STN North America  
P.O. Box 3012  
Columbus, Ohio 43210-0012 U.S.A.

CAS Customer Care:  
Phone: 800-753-4227 (North America)  
614-447-3700 (worldwide)  
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E-mail: [help@cas.org](mailto:help@cas.org)  
Internet: [www.cas.org](http://www.cas.org)

#### In Europe

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76012 Karlsruhe  
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E-mail: [helpdesk@fiz-karlsruhe.de](mailto:helpdesk@fiz-karlsruhe.de)  
Internet: [www.stn-international.de](http://www.stn-international.de)

#### In Japan

JAICI (Japan Association for  
International Chemical Information)  
STN Japan  
Nakai Building  
6-25-4 Honkomagome, Bunkyo-ku  
Tokyo 113-0021, Japan  
Phone: +81-3-5978-3601 (Technical Service)  
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[customer@jaici.or.jp](mailto:customer@jaici.or.jp) (Customer Service)  
Internet: [www.jaici.or.jp](http://www.jaici.or.jp)

**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	/TLV	S BENZENE/TLV	TLV
California Proposition 65 List	/PROP65	S REPROD? TOXIC? /PROP65	PROP65
Canadian Legislation Affecting Chemicals	/CANL	S IMPORT?/CANL	CANL
CAS Registry Number	/RN	S 77-47-4/RN	RN
CERCLA Hazardous Substances	/CERHS	S RQ/CERHS	CERHS
CFR Section	/SC	S 29 CFR 1910.119/SC	SC
CFR Title (2)	/CFR	S 40 CFR PART 116/CFR	CFR
Chemical Hazard Information Profile	/CHP	S CARCIN?/CHP	CHP
Chemical Name	/CN	S M-CRESOL/CN	CN
Chemical/Physical Properties	/PROP	S SOLUBILITY/PROP	PROP
Citizens' Petition - TSCA Section 21	/PET	S PCB/PET	PET
Clean Air Act 1990 Amendments Hazardous Air Pollutants	/HAP	S ACETALDEHYDE/HAP	HAP
Clean Air Act National Ambient Air Quality Standards	/AAQS	S AEROSOL/AAQS	AASQ
Clean Air Act Ozone Depleting Compounds	/ODC	S METHYL BROMIDE/ODC	ODC
Clean Air Act Section 111 Volatile Organic Compounds	/VOC	S EMISSION STANDARDS/VOC	VOC
Clean Water Act Sections 301, 307, and 311	/CWA	S RQ/CWA S POLLUTANT/CWA	CWA
Confidentiality Status	/CBI	S PUBLIC/CBI	CBI
Cross-Reference Registry Number	/XRN	S 9000-78-6/XRN	XRN
Definition for UVCB Substances	/DEF	S FATTY ACID#/DEF	DEF
DOT Coast Guard Bulk Hazardous Materials	/CGB	S BUTYROLACTONE/CGB	CGB
DOT Coast Guard Noxious Liquids	/CGN	S BUTYRIC ACID/CGN	CGN
DOT Hazardous Materials Table	/HAZT	S FORBIDDEN/HAZT	HAZT
Drug Enforcement Administration Precursor and Essential Chemicals	/DEA	S DESOMORPHINE/DEA	DEA
EEC Classification, Packaging, and Labeling of Dangerous Substances	/EECDS	S R 45/EECDS S ASBESTOS/EECDS	ECDS
Entry Date (3)	/ED	S ED>=940100	Not displayed
EPA Pesticide Active Ingredients	/PAI	S SODIUM FUMARIN/PAI	PAI
EPA Pesticide Inert Ingredients	/PII	S LARD/PII	PII
EPA Significant New Alternatives Program for CFCs and Halon	/SNAP	S LIMITS/SNAP	SNAP
European Community Legislation	/EECL	S EXPOSURE/EECL	EECL
Exemption from PMN	/5H (or /EXM)	S INK?/5H	5H
FDA	/FDA	S ALCOHOL/FDA	FDA
FDA Food Substances Generally Recognized as Safe	/FGRAS	S RUE/FGRAS	FGRAS
FDA Priority-Based Assessment of Food Additives	/PAFA	S PARSLEY/PAFA	PAFA
Field Availability	/FA	S 4A/FA S EHS/FA	FA
File Segment	/FS	S TSCA/FS;S ENCS/FS S EINECS/FS S AICS/FS	FS
German Water Hazard Class Substance List	/WGK	S (HAZARD CLASSIFICATION/WGK	WGK
Hazard, Toxicology, and Use Information	/HTU	S MUTATION/HTU	HTU
Health Advisory	/HA	S WORKER#/HA	HA
Health Hazards	/HHAZ	S INHALATION RISK/HHAZ	HHAZ
High Production Volume Chemicals	/HPV	S UNITED STATES/HPV	HPV
Import - Export Regulation	/IER	S TEST RULE/IER	IER
Insufficient Data Order	/5E (or /INS)	S NEURO?/5E	5E
Interagency Testing Committee	/4E (ITC)	S CARCIN?/4E	ITC
Interagency Testing Committee Candidate	/ICC	S REVIEW#/ICC	ICC
International Agency for Research on Cancer	/IARC	S GROUP 1/IARC	IARC
Inventory Status	/INV	S (YES AND TSCA)/INV	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.	/8A (or /REP)	S CAIR/8A	8A
Restricted Chemical Lists	/RSTR	S MALAYSIA	RSTR
Risk May Be Unreasonable	/4F (or /RIS)	S CANCER/4F	4F
Safe Drinking Water Act Maximum Contaminant Level Goal	/MCLG	S L1 AND PRIMAY/MCLG	MCLG
Safe Drinking Water Act Maximum Contaminant Levels	/MCL	S L1 AND MAXIMUM/MCL	MCL
SARA Title III/EPCRA Extremely Hazardous Substances	/EHS	S EMERGENCY PLAN?/EHS	EHS
Section Update Date (3)	/SUP	S SUP>880800(L)S110 /FA	Not displayed
Significant New Use Rule	/5A2 (or /RSNU)	S CHLORINATED/RSNU	RSNU
State of Illinois Right to Know Toxic Substances List	/SIL	S TEMEPHOS/SIL	SIL
State of Louisiana Right-to-Know	/SLA	S SARIN/SLA	SLA
State of New Jersey Right-to-Know	/SNJ	S MUTAGEN/SNJ	SNJ
State of New York Right-to-Know	/SNY	S AIR/SNY	SNY
State of Rhode Island Right-to-Know	/SRI	S CYCLOPROPANE/SRI S	SRI
Storage/Handling/Environment	/STOR	S SPILLAGE DISPOSAL/STOR	STOR
Studies on Toxicity/Exposure	/STY	S DAPHN?/STY	STY
Substantial Risk Report	/8E (or /SRR)	S DU PONT/STY	8E
Superfund Amendment Reauthorization Act - Section 110	/S110	S TERATO?/8E	S110
Superfund Amendment Reauthorization Act - Section 313	/S313	S PRIORITY LIST?/S110	S313
Supplemental Data from the Japanese ENCS Test Rule - TSCA Section 4a	/JDATA	S COPPER/S313	S313
Transportation/Packaging/Labeling	/4A (or /TES)	S ACCUMULATED/JDATA	JDATA
TSCA Section 4 Master Testing List	/TRANS	S FINAL RULE/4A	4A
Unpublished Report of Health/Safety Studies	/MTL	S UNBREAKABLE/TRANS	TRANS
Unreasonable Risk - TSCA Section 6	/8D (or /UNP)	S (FIRST LISTED 1990) MTL	MTL
Update Date (3)	/UNR	S MORTALITY/8D	8D
UVCB Chemical Category Violations to Miscellaneous Regulations or Advisory Lists	/UP	S METALWORK?/UNR	UNR
WHMIS Ingredient List (Canada)	/UVCB	S UP=>941000	Not displayed
	/VIO	S ACID CHLORIDES/UVCB	UVCB
	/WHMIS	S PHENOLS/UVCB	VIO
		S PCB/VIO S BENZENE/WHMIS	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
RSTR	Restricted Chemical Lists	D RSTR
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, RSTR, 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
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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