### CHEMLIST® / HCHEMLIST (Regulated Chemicals Listing)

The two files differ only in pricing metrics.

| Subject Coverage | • Substance inventories  
| • Regulatory lists  
| • Dangerous chemicals |

| File Type | Directory, Substance, Inventory |

| Features | Thesaurus | Not available  
| Alerts (SDIs) | Weekly  
| CAS Registry Number® Identifiers |  
| Keep & Share | Weekly  
| Learning Database |  
| Page Images |  
| STN® AnaVist™ |  
| SLART |  
| STN Easy® |  
| Structures |  

| Record Content | • Substance identity information, inventory status, source of information, and summaries of regulatory activity, reports, and other compliance information  
| • 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 |

| File Size | More than 394,000 records (8/19) |

| Coverage | Inventories and regulatory listings, 1980-present |

| Updates | • 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 |

| Language | English |

| Database Producer | Chemical Abstracts Service  
| 2540 Olentangy River Road  
| P.O. Box 3012  
| Columbus, Ohio 43210-0012 USA  
| Phone: 800-753-4227 (North America)  
| Phone: 614-447-3700 (worldwide)  
| Fax: 614-447-3751  
| Email: help@cas.org  
| Copyright Holder |
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: http://www.cas.org/content/regulated-chemicals/index

User Aids

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

Clusters

- CASRNS
- GOVREGS
- HEALTH
- SAFETY
- TOXICOLOGY

Only CHEMLIST is in the clusters STN Database Clusters information (PDF).

Pricing

Enter HELP COST at an arrow prompt (=>).
# SEARCH and DISPLAY Field Codes

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

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<th>Search Code</th>
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<th>Display Codes</th>
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(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. When a date is searched use the format of YYYYMMDD. For more information view HELP NUMERIC.

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

August 2019
DISPLAY and PRINT Formats

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

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<td>CHP</td>
<td>Chemical Hazard Information Profile</td>
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<tr>
<td>CLP (EECDs)</td>
<td>Classification, Labeling, and Packaging</td>
<td>D CLP</td>
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<tr>
<td>CN (2)</td>
<td>Chemical Name</td>
<td>D 1-7 L2 CN</td>
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<tr>
<td>CWA</td>
<td>Clean Water Act Sections 301, 307, and 311</td>
<td>D CWA</td>
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<td>DEA</td>
<td>Drug Enforcement Administration Precursor</td>
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<td>DEF</td>
<td>Definition for UVCB Substances</td>
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<td>EECL</td>
<td>European Community Legislation</td>
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<td>EHS</td>
<td>SARA Title III/EPCRA Extremely Hazardous Substances</td>
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<td>FA (1)</td>
<td>Field Availability</td>
<td>D FA 1-5</td>
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<td>FCN (3)</td>
<td>Full Chemical Name</td>
<td>D FCN 1-3</td>
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<td>FDA</td>
<td>Federal Drug Administration Regulations</td>
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<td>FGGRAS</td>
<td>FDA Food Substances Generally Recognized</td>
<td>D FGGRAS</td>
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<td>FS</td>
<td>File Segment</td>
<td>D FS L5 1-2</td>
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<td>HA</td>
<td>Health Advisory</td>
<td>D L9 HA</td>
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<td>HAP</td>
<td>Clean Air Act 1990 Amendments Hazardous Air Pollutants</td>
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<td>HAZT</td>
<td>DOT Hazardous Materials Table</td>
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<td>Health Hazards</td>
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<td>HHC</td>
<td>OSHA Highly Hazardous Chemicals</td>
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<td>RCRA Halogenated Organic Compounds</td>
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<td>HPV</td>
<td>High Production Volume Chemicals</td>
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<td>Harmonized Tariff Code</td>
<td>D HTC</td>
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<td>HTU</td>
<td>Hazard, Toxicology, and Use Information</td>
<td>D HTU</td>
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<td>IARC</td>
<td>International Agency for Research on Cancer</td>
<td>D IARC</td>
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<td>ICC</td>
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<td>INV</td>
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<td>D INV</td>
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<td>D ITC 5-15 L41</td>
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<tr>
<td>IUR</td>
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<td>JDATA</td>
<td>Supplemental Data from the Japanese ENCS</td>
<td>D JDATA</td>
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<td>LDR</td>
<td>RCRA Land Disposal Restrictions</td>
<td>D LDR</td>
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<td>MASS</td>
<td>Massachusetts Toxic and Hazardous Substance List</td>
<td>D MASS</td>
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<td>MCL</td>
<td>Safe Drinking Water Act Maximum Contaminant Levels</td>
<td>D MCL</td>
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<td>MCLG</td>
<td>Safe Drinking Water Act Maximum Contaminant Level Goals</td>
<td>D MCLG</td>
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<td>MISC</td>
<td>Miscellaneous Regulations</td>
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<td>MTL</td>
<td>TSCA Section 4 Master Testing List</td>
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<td>NREL</td>
<td>NIOSH Recommended Exposure Limits</td>
<td>D NREL</td>
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<td>NTTPC</td>
<td>National Toxicology Program Carcinogen List</td>
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<td>ODC</td>
<td>Clean Air Act Ozone Depleting Compounds</td>
<td>D ODC</td>
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<td>PAFA</td>
<td>FDA Priority-Based Assessment of Food Additives</td>
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<tr>
<td>PAI</td>
<td>EPA Pesticide Active Ingredients</td>
<td>D PAI</td>
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### DISPLAY and PRINT Formats (cont’d)

<table>
<thead>
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<th>Content</th>
<th>Examples</th>
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<tr>
<td>PEL</td>
<td>OSHA Permissible Exposure Levels</td>
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<tr>
<td>PET</td>
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<tr>
<td>PII</td>
<td>EPA Pesticide Inert Ingredients</td>
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<tr>
<td>PROP</td>
<td>Chemical/Physical Properties</td>
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<td>RLN</td>
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<td>RN</td>
<td>CAS Registry Number</td>
<td>D 1, 4, 8 RN</td>
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<tr>
<td>RSNU</td>
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<td>RSTR</td>
<td>Restricted Chemical Lists</td>
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<td>Superfund Amendment Reauthorization Act Section 110</td>
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<td>S313</td>
<td>Superfund Amendment Reauthorization Act Section 313</td>
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<td>SIDS</td>
<td>OECD Screening Information Data Set Project</td>
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<td>SIL</td>
<td>State of Illinois Right-to-Know Toxic Substances List</td>
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<td>SLA</td>
<td>State of Louisiana Right-to-Know</td>
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<td>Michigan Critical Materials Register</td>
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<td>SNAP</td>
<td>EPA Significant New Alternatives Program for CFCs and Halon</td>
<td>D SNAP</td>
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<td>New York Hazardous Substances Release and Bulk Storage</td>
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<td>SPA</td>
<td>Pennsylvania Right-to-Know</td>
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<td>SRI</td>
<td>State of Rhode Island Right-to-Know</td>
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<td>STOR</td>
<td>Storage/Handling/Environment</td>
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<td>STY</td>
<td>Unpublished Reports on Toxicity/Exposure Studies</td>
<td>D 1-3 STY</td>
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<td>SVT</td>
<td>State of Vermont List of Chemicals of High Concern to Children</td>
<td>D SVT</td>
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<td>TLV</td>
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<td>Transportation/Packaging/Labeling</td>
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<td>National Toxicology Program Technical Reports List</td>
<td>D TRNTP</td>
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<td>UNR</td>
<td>Unreasonable Risk - TSCA Section 6</td>
<td>D UNR</td>
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<td>UVCB (UVC)</td>
<td>UVCB Subset Heading</td>
<td>D UVCB or D UVC</td>
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<td>VIO</td>
<td>Violations to Miscellaneous Regulations or Advisory Lists</td>
<td>D VIO 2-6 L3</td>
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<td>VOC</td>
<td>Clean Air Act Section 111 Volatile Organic Compounds</td>
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<td>German Water Hazard Class Substance List</td>
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<td>WHMIS Ingredient List (Canada)</td>
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<td>WSP</td>
<td>RCRA Waste Specific Prohibitions</td>
<td>D WSP</td>
</tr>
<tr>
<td>XRN</td>
<td>Cross-Reference Registry Number</td>
<td>D XRN</td>
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</tbody>
</table>

| ALL    | AN, RN, CN, DEF, FS, UVCB, CBI, XRN, CFR, SC, RLN, HTC, 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, SNAP, VOC, CERHS, CWA, PAI, PII, HOC, LDR, EHS, S110, S313, MCL, MCLG, CGB, CGN, HAZT, FGRAS, PAFA, FDA, NREL, HH, PEL, CANL, WHMIS, CLP, EECL, WGK, JDATA, STOR, DEA, TRANS, HTU, IARC, HHAZ, HPV, PROP, SIDS, NTFC, TLV, TRNTP, VIO, MISL, PROP65, SIL, SLA, MASS, SMI, SMN, SNJ, SNY, SPA, SRI, SVT | D ALL |
| FIDE   | All substance identification, including all names, and legal status (AN, RN, CN, DEF, FS, CBI, UVCB, CFR, XRN, SC, RLN, HTC, INV, RSTR, FA) | D FIDE |
| IDE    | Substance identification (up to 50 names) and legal status (AN, RN, CN, DEF, FS, CBI, UVCB, CFR, XRN, SC, RLN, HTC, INV, RSTR, 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.
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).

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Field Code</th>
<th>ANALYZE/SELECT (1)</th>
<th>SORT</th>
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<td>CAS Registry Number</td>
<td>RN</td>
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<tr>
<td>CFR Section</td>
<td>SC</td>
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<td>CFR Title</td>
<td>CFR</td>
<td>Y(default) (2)</td>
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<td>Chemical Name</td>
<td>CN</td>
<td>Y (3)</td>
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<td>FCN</td>
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<td></td>
<td>NAME</td>
<td>Y (4)</td>
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<tr>
<td>Chemical Names and CAS Registry Numbers</td>
<td>CHEM</td>
<td>Y (4)</td>
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<td>CBI</td>
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<tr>
<td>Definition</td>
<td>DEF</td>
<td>Y</td>
<td>N</td>
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<tr>
<td>File Segment</td>
<td>FS</td>
<td>N</td>
<td>Y</td>
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<tr>
<td>Harmonized Tariff Code</td>
<td>HTC</td>
<td>N</td>
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<td>N</td>
<td>Y</td>
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<tr>
<td>Occurrence Count of Hit Terms</td>
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<tr>
<td>Premanufacture Notice Number</td>
<td>PMNN</td>
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<tr>
<td>Regulatory List Number</td>
<td>RLN</td>
<td>Y</td>
<td>Y</td>
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</tbody>
</table>

(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. NOTE the difference between these two records.)

AN  327898  CHEMLIST
RN  63918-90-1
CN  Ethane, 1,1'=[oxybis(methylenethio)]bis[2-chloro- (INSQ)
     Etano, 1,1 '=[oxibis (metilenotio)] bis [2-cloro - (Spanish) (INSQ)
     1-chloro-2-(((2-chloroethyl)sulfanyl)methoxy)methyl)sulfanyl)ethane
     (French)
     1-chloro-2-(((2-chloroethyl)sulfanyl)methoxy)methyl)sulfanyl)ethane
     (French)
     1-chloro-2-(((2-chloroethyl)sulfanyl)methoxy)methyl)sulfanyl)ethane
     (French)
     1-Chlor-2-(((2-chlorethyl)sulfanyl)methoxy)methyl)sulfanyl)ethan
     (German)
     1-Chlor-2-(((2-chlorethyl)sulfanyl)methoxy)methyl)sulfanyl)ethan
     (German)
     1-Chlor-2-(((2-chlorethyl)sulfanyl)methoxy)methyl)sulfanyl)ethan
     (German)
FS  Harmonized Tariff Code: HTC; MEXICO: INSQ; Restricted Chemical Lists:
8 

**CHEMLIST/HCHEMLIST**

<table>
<thead>
<tr>
<th>AN</th>
<th>8156 CHEMLIST</th>
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<tbody>
<tr>
<td>RN</td>
<td>1338-23-4</td>
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<tr>
<td>CN</td>
<td>2-Butanone, peroxyde (TSCA, IECSC, DSL, REACH, EINECS, ENCS, AICS, ECL, SWISS, PICCS, NZIoC, INSQ, AREC) Peroxyde de butan-2-one (French) (DSL) butanone-2, peroxyde (French) (EINECS) 2-Butanon, Peroxid (German) (EINECS) 2-butanona, peroxido (Spanish) (EINECS, INSQ) 2-BUTANON-PEROXID (German) (SWISS) BUTAN-2-ONE PEROXIDE (PICCS) METHYL ETHYL KETONE PEROXIDE (PICCS) 2-Butanone peroxyde 808A Akzo M 50 Andonox CHM 50 Andonox KP 9 Andonox MCP 75 Andonox MEC Andonox Pulcat Super Benox B 50 Butanox 50 Butanox LA Butanox LPT Butanox M 105 Butanox M 50 Butanox M 60 Butanox V 388 Cat-M Chaloxyd MEKP-HA 1 Chaloxyd MEKP-LA 1 DDM 9 Delta X 9 Diprometil LA 50R EPerox P Ethyl methyl ketone peroxyde Ethylmethylketone peroxyde FR 222 Hi-Point 180 Hi-Point 90 Kayamek A</td>
</tr>
</tbody>
</table>
CHEMLIST/HCHEMLIST

Kayamek M
Ketonox
Lucidol DDM 9
Lucidol Delta X
Luperox DDM 9
Luperox K 1
Luperox K 12
Luperox K 18
Lupersol DDA 30
Lupersol DDM
Lupersol DDM 9
Lupersol Delta X
Lupersol Delta X 9
Lupersol DHD 9
Lupersol DNF
Lupersol DSW
M 50
ME 50L
MEK peroxide
MEKP 9
MEKP 925H
MEKP-M 60
MEKP-NA 1
MEKP-WA 50
MEKPO
Mepox
Mepox 55
Methyl ethyl ketone hydroperoxide
Norox 925H
Norox MEKP 925
Norox MEKP 925H
Norpol Peroxide 11
Permek G
Permek H
Permek N
Peroximon 41
Peroximon K 4
Superox 46-702
Superox 46-710
Superox 46-747
Trigonox V 328
Trigonox V 388
V 328
V 388

FS AUSTRALIA: AICS; CANADA: DSL, WHMIS; CHINA: IECSC; EEC: EINECS; EU:
REACH; JAPAN: ENCS; KOREA: AREC, ECL; MEXICO: INSQ; NEW ZEALAND:
NZIoC; PHILIPPINES: PICCS; Restricted Chemical Lists: RSTR;
SWITZERLAND: SWISS; USA: ACGIH, CERCLA, DOT, NIOSH, NTP, OSHA, RCRA,
SARA, STATE, TSCA
CBI Public
UVCB Peroxides
RLN EPA No.: HW(RCRA) U160
EC No.: 215-661-2; 700-954-4
EINECS No.: 215-661-2
ENCS No.: 5-667X
ECL Serial No.: KE-03883
SWISS No.: G-2430
AREC Serial No.: KE-03883
SINGAPORE PCDMEP111
PAKISTAN 150
INDIA 385
INV On TSCA Inventory
April 2016 TSCA Inventory.
On IECSC
Inventory of Existing Chemical Substances in China, 2013.

August 2019
CHEMLIST/HCHEMLIST

On DSL

On REACH
REACH: List of Registered Substances, 2015.

On EINECS

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

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 NZIoC
New Zealand Inventory of Chemicals, 2006.
HSNO Approval: HSR001376.

On INSQ
National Inventory of Chemical Substances in Mexico, 2012.

On AREC

RSTR
SOUTH KOREA: ECL Observational Chemicals List, 2014
Korean CCL Designation: This substance and mixtures containing more than 25%.

SOUTH KOREA: AREC Substances Requiring Preparation for Accidents List, 2016
Korean CCL Designation: This substance and mixtures containing more than 25%.

SOUTH KOREA: AREC Phase-in Substances Subject to Registration List, 2016
Grace Period: 3 years from the notification date.

JAPAN: Industrial Health and Safety Law (ISHL), 2008
This substance is defined as a Dangerous Substance, class: Explosive Substance in Appended Table 1 of the Enforcement Order of the Industrial Safety and Health Act.

JAPAN: Industrial Health and Safety Law (ISHL), 2014
Under Article 57-2 of the Law, it is required of the party transferring or providing this substance to include Safety Data Sheets (SDSs).

THAILAND: Hazardous Substances Act, 2009
Classification: Type 3.

VIETNAM: Vietnam Chemicals Control Act (Chemical Law No. 06/2007/QH12)
Greater than 60% concentration.
Classification: Chemicals which require elaboration of chemical prevention and response plans and maintenance of safety distances.

SINGAPORE: List of Controlled Hazardous Substances, 2008
In solutions of total wt. < 50 kg.

Category: 10; Exempt Quantity: NIL; Label: B2 and G.

PAKISTAN: List of Prescribed Hazardous Chemicals, 2003

INDIA: List of Hazardous Chemicals, 2000
Conc. 60%.

FA    RN    CAS Registry Number
RLN    Regulatory List Number
INV Inventory Status
RSTR Restricted Chemical Lists
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
LDL RCRA Land Disposal Restrictions
EHS SARA Title III/EPCRA Extremely Hazardous Substances
HAZT DOT Hazardous Materials Table
NREL NIOSH Recommended Exposure Limits
HHC OSHA Highly Hazardous Chemicals (OSHA)
WHMIS WHMIS Ingredient List (Canada)
EECL European Community Legislation
WGK German Water Hazard Class Substance List
STOR Storage/Handling/Environment
TRANS Transportation/Packaging/Labeling
HTU Hazard, Toxicology, and Use Information (RTECS)
HHAZ Health Hazards
HPV High Production Volume Chemicals
PROP Chemical/Physical Properties
SIDS OECD Screening Information Data Set Project
TLV ACGIH Threshold Limit Values
TRNTP National Toxicology Program Technical Reports (NTP)
MISC Miscellaneous Regulations
SIL State of Illinois Right-to-Know
MASS Massachusetts Right-to-Know
SMN Minnesota Right-to-Know
SNJ New Jersey Right-to-Know
SNY New York Hazardous Substances Release and Bulk Storage
SPA Pennsylvania Right-to-Know
SRI State of Rhode Island Right-to-Know

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

8A Report On Volume, Exposure, Etc.
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
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
Master Testing List. URL: www.epa.gov/opptintr/chemtest (23 Jan 2007).
This substance is on the Master Testing List (MTL).
First listed: 1996.

PET Citizens' Petition - TSCA Section 21
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

IUR Inventory Update Rule
This chemical was reported under the Chemical Data Reporting (CDR) Rule
formerly known as TSCA Inventory Update Rule (IUR) for the 2012 reporting
CHEMLIST/HCHEMLIST

period.

IUR Inventory Update Rule
Internet: epa.gov/oppt/iur/index.htm (2009).
This chemical was reported under the TSCA Inventory Update Rule for the
2006 reporting period.

IUR Inventory Update Rule
This chemical was reported under the TSCA Inventory Update Rule for the
2002 reporting period.

IUR Inventory Update Rule
This chemical was reported under the TSCA Inventory Update Rule for the

== U.S. EPA Regulations - CERCLA ==
CERHS CERCLA Hazardous Substances
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 - RCRA ==
LDR RCRA Land Disposal Restrictions
40 CFR 261- Solid Wastes: Identification and Listing of Hazardous Waste
(Nov 1 2010).
This substance is classified as a toxic waste and is subject to the small
quantity exclusion defined in 40 CFR 261.
LDR RCRA Land Disposal Restrictions
40 CFR 261- Solid Wastes: Identification and Listing of Hazardous Waste
(Jul 11 2005).
This substance is classified as a toxic waste and is subject to the small
quantity exclusion defined in 40 CFR 261.5. The primary hazardous
properties of this substance are reactivity and toxicity. EPA HW No.
U160.

== U.S. EPA Regulations - SARA ==
EHS SARA Title III/EPCRA Extremely Hazardous Substances

== U.S. DOT Regulations ==
HAZT DOT Hazardous Materials Table
Office of Hazardous Materials Safety Internet:
This substance is listed on the Department of Transportation (DOT)
Hazardous Materials Table.
Listed Name(s): Methyl ethyl ketone peroxide, in solution with more than
9 percent by mass active oxygen
Hazard Class or Division: Forbidden.
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

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 ====

**EECL** European Community Legislation
Effective date: 17 FEB 2016.

**EECL** European Community Legislation

**EECL** European Community Legislation
Publication of Council Directive 98/8/EC Article 16(2) concerning the placing of biocidal products on the market. This substance is included in Annex I; classified as an existing active substance in biocidal products in accordance with the requirements of Article 3(1) or 5(2) of Regulation (EC) No 1896/2000.

**WGK** German Water Hazard Class Substance List
German Water Hazard Class Substances List, 27 Nov 2006.
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.
Listed Name(s): Methyl ethyl ketone peroxide
Kenn-Number: 1108
State of Classification: VwVwS.

**STOR** Storage/Handling/Environment
Internet: cdc.gov/niosh/ipcs (03 Oct 2007).

August 2019
Spillage Disposal: Chemical protection suit including self-contained breathing apparatus. Collect leaking and spilled liquid in sealable plastic containers as far as possible. Do NOT absorb in sawdust or other combustible absorbents.

Storage: Store only if stabilized. Well closed.
oxidant and reacts violently with combustible and reducing materials, amines, metals, strong acids, strong bases, causing fire and explosion hazard.

Boiling point (decomposes): >80°C
Relative density (water = 1): 1.10-1.17
Solubility in water: very poor.

SIDS OECD Screening Information Data Set Project
OECD SIDS Chemicals Internet: oecd.org/chemicalsafety (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.

MISC Miscellaneous Regulations
The Resource Conservation and Recovery Act and the Hazardous Materials Transportation Uniform Safety Act were possibly violated by three Idaho men including the former owner of Ponderosa Paint. It is alleged that the men were storing hazardous waste in rusted and leaking drums.

==== 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
Internet: mass.gov/dos/rtkbulletin.
Only Massachusetts public sector agencies (city, state, or county) are required to comply with Massachusetts Right-to-Know Law (M.G.L. 111F).

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
Internet: health.state.mn.us (January 2011).
This substance is listed on Minnesota's Chemicals of High Concern List.

SMN Minnesota Right-to-Know
Internet: health.state.mn.us (July 2010).
This substance is listed on the Minnesota Hazardous Substances List.

SMN Minnesota Right-to-Know
Internet: revisor.leg.state.mn.us/arule/5206 (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
Internet: web.doh.state.nj.us/rtkhsfs (August, 2010).
This substance is listed on the 2010 New Jersey Environmental Hazardous Substance List.

SNJ New Jersey Right-to-Know
Special Health Hazard Code(s): None
Common Name(s): METHYL ETHYL KETONE PEROXIDE; 2-BUTANONE PEROXIDE; 2-BUTANONE, PEROXIDE

SNY New York Hazardous Substances Release and Bulk Storage
Internet: dec.ny.gov/regs (December 2012).
This substance is listed on the New York State List of Hazardous Substances.

SNY New York Hazardous Substances Release and Bulk Storage
Internet: dec.ny.gov/regs (2010).
This substance is listed on the New York State List of Hazardous Substances.

SNY New York Hazardous Substances Release and Bulk Storage
This substance is listed on the New York State List of Hazardous Substances.
Listed name(s): Methyl ethyl ketone peroxide.
Reportable Quantity (pounds): Air: 10
Land/Water: 1
Note: Acutely hazardous substance.

SPA Pennsylvania Right-to-Know
Listed Name(s): 2-BUTANONE, PEROXIDE
Special Health Hazard Code(s): (E) Environmental Hazard

SRI State of Rhode Island Right-to-Know
Internet: ri.gov/DLT/righttoknow (2013).
This substance is listed on the Rhode Island Hazardous Substance List.

SRI State of Rhode Island Right-to-Know
Internet: ri.gov/DLT/righttoknow (2010).
This substance is listed on the Rhode Island Hazardous Substance List.

SRI State of Rhode Island Right-to-Know
URL: Internet: dlt.ri.gov/Occusafe (03 Nov 2003).
This substance is listed on the Rhode Island Hazardous Substance List.
Listed name(s): Ethyl methyl ketone peroxide; Methyl ethyl ketone peroxide.