SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product information
Product Name : Orfom® MCS
Material : 1116197, 1116158, 1113750, 1113589, 1113586, 1113584

Company : Chevron Phillips Chemical Company LP
10001 Six Pines Drive
The Woodlands, TX 77380

Emergency telephone:
Health: 866.442.9628 (North America)
1.832.813.4984 (International)
Transport: CHEMTREC 800.424.9300 or 703.527.3887 (int'l)
Asia: CHEMWATCH (+612 9186 1132) China: 0532 8388 9090
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)
Mexico CHEMTREC 01-800-681-9531 (24 hours)
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600
Argentina: +(54)-119839431

Responsible Department : Product Safety and Toxicology Group
E-mail address : SDS@CPChem.com
Website : www.CPChem.com

SECTION 2: Hazards identification

Classification of the substance or mixture
This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.

Classification
Flammable liquids, Category 4
Skin irritation, Category 2
Aspiration hazard, Category 1

Labeling
Symbol(s): [Image of diamond symbols]

Signal Word: Danger

Hazard Statements:
- H227: Combustible liquid.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.

Precautionary Statements:

Prevention:
- P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P264: Wash skin thoroughly after handling.
- P280: Wear protective gloves/ eye protection/ face protection.

Response:
- P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
- P314: Do NOT induce vomiting.
- P332 + P313: If skin irritation occurs: Get medical advice/attention.
- P362: Take off contaminated clothing and wash before reuse.
- P331: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:
- P403 + P235: Store in a well-ventilated place. Keep cool.
- P405: Store locked up.

Disposal:
- P501: Dispose of contents/ container to an approved waste disposal plant.

Carcinogenicity:

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH: Confirmed animal carcinogen with unknown relevance to humans

Hydrotreated Light

SECTION 3: Composition/information on ingredients

Synonyms: Low Aromatic Solvent

Molecular formula: UVCB

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), Hydrotreated</td>
<td>64742-47-8</td>
<td>100</td>
</tr>
</tbody>
</table>

SDS Number: 100000101815

2/13
SECTION 4: First aid measures

General advice: Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Material may produce a serious, potentially fatal pneumonia if swallowed or vomited.

If inhaled: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of skin contact: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5: Firefighting measures

Flash point: 77 °C (170 °F)

Autoignition temperature: 227 °C (441 °F)

Suitable extinguishing media: Carbon dioxide (CO2).

Unsuitable extinguishing media: High volume water jet.

Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

Fire and explosion protection: Do not spray on an open flame or any other incandescent material. Keep away from open flames, hot surfaces and sources of ignition.

Hazardous decomposition products: Hydrocarbons. Carbon oxides.
SECTION 6: Accidental release measures

Personal precautions: Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

Handling

Advice on safe handling: Avoid formation of aerosol. Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion: Do not spray on an open flame or any other incandescent material. Keep away from open flames, hot surfaces and sources of ignition.

Storage

Requirements for storage areas and containers: No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8: Exposure controls/personal protection

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Basis</th>
<th>Value</th>
<th>Control parameters</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), Hydrotreated light</td>
<td>OSHA Z-1</td>
<td>TWA</td>
<td>500 ppm, 2,000 mg/m³</td>
<td>(b).</td>
</tr>
<tr>
<td></td>
<td>OSHA Z-1-A</td>
<td>TWA</td>
<td>400 ppm, 1,600 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TWA</td>
<td>200 mg/m³</td>
<td>CNS impair, URT irr, skin irr, P, A3, Skin, varies.</td>
</tr>
<tr>
<td></td>
<td>OSHA Z-1</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA Z-1-A</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Mist</td>
</tr>
</tbody>
</table>

(b) The value in mg/m³ is approximate.
A3 Confirmed animal carcinogen with unknown relevance to humans
CNS impair Central Nervous System impairment
P Application restricted to conditions in which there are negligible aerosol exposures
Skin Danger of cutaneous absorption
skin irr Skin irritation
URT irr Upper Respiratory Tract irritation
varies varies

SDS Number: 100000101815
Immediately Dangerous to Life or Health Concentrations (IDLH)

<table>
<thead>
<tr>
<th>Substance name</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), Hydrotreated light</td>
<td>64742-47-8</td>
<td>Immediately Dangerous to Life or Health</td>
<td>1995-03-01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Concentration Value</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2500 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**Engineering measures**

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

**Personal protective equipment**

**Respiratory protection**: Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Air-Purifying Respirator for Organic Vapors. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

**Hand protection**: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**Eye protection**: Eye wash bottle with pure water. Tightly fitting safety goggles.

**Skin and body protection**: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate: Flame-resistant clothing. Footwear protecting against chemicals.

**Hygiene measures**: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance**

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Color</th>
<th>Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Clear, Colorless</td>
<td>characteristic</td>
</tr>
</tbody>
</table>
### Safety data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>77 °C (170 °F)</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>227 °C (441 °F)</td>
</tr>
<tr>
<td>Molecular formula</td>
<td>UVCB</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Pour point</td>
<td>-21 °C (-6 °F)</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>207 - 274 °C (405 - 526 °F) Method: ASTM D 86</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>0.28 PSI Method: ASTM D5191</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.8238 at 15 °C (59 °F)</td>
</tr>
<tr>
<td>Density</td>
<td>6.8 L/G</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Negligible</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>2.12 cSt at 40 °C (104 °F) Method: ASTM D 445</td>
</tr>
<tr>
<td>Relative vapor density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### SECTION 10: Stability and reactivity

**Chemical stability**: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Possibility of hazardous reactions**

- **Conditions to avoid**: Heat, flames and sparks.
- **Materials to avoid**: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
- **Hazardous decomposition**: Hydrocarbons
### SECTION 11: Toxicological information

**Orfom® MCS**  
**Acute oral toxicity**  
- LD50 Oral:  > 5,000 mg/kg  
  - Species: Rat  
  - Method: Acute toxicity estimate

**Orfom® MCS**  
**Acute inhalation toxicity**  
- LC50:  > 20 mg/l  
  - Species: Rat  
  - Test atmosphere: vapor  
  - Method: Acute toxicity estimate

**Orfom® MCS**  
**Acute dermal toxicity**  
- LD50 Dermal:  > 5,000 mg/kg  
  - Species: Rabbit  
  - Method: Acute toxicity estimate

**Orfom® MCS**  
**Skin irritation**  
- Irritating to skin.  
- May cause skin irritation in susceptible persons.

**Orfom® MCS**  
**Eye irritation**  
- May irritate eyes.  
- Vapors may cause irritation to the eyes, respiratory system and the skin.

**Orfom® MCS**  
**Sensitization**  
- Did not cause sensitization on laboratory animals.  
- Information refers to the main ingredient.

**Repeated dose toxicity**  
- Distillates (petroleum), Hydrotreated light  
  - Species: Rat, male  
  - Sex: male  
  - Application Route: inhalation (vapor)  
  - Dose: 0, 500, 1000 mg/m3  
  - Exposure time: 13 wks  
  - Number of exposures: 24 h/d  
  - Lowest observable effect level: 500 mg/m3  
  - Method: OECD Guideline 413  
  - Target Organs: Kidney
Species: Rat, female  
Sex: female  
Application Route: inhalation (vapor)  
Dose: 0, 500, 1000 mg/m3  
Exposure time: 13 wks  
Number of exposures: 24 h/d  
NOEL: > 1000 mg/m3  
Method: OECD Guideline 413  
No adverse effect has been observed in chronic toxicity tests.

**Orfom® MCS**  
**Carcinogenicity**  
Method: Estimated based on individual component values.  
Remarks: Not expected to be carcinogenic based on individual component data.

**Developmental Toxicity**  
Distillates (petroleum), Hydrotreated light  
Species: Rat  
Application Route: Inhalation  
Dose: 0, 106, 364 mg/l  
Exposure time: 6h/d  
Test period: GD 6 - 20  
NOAEL Teratogenicity: >= 364 mg/l  
NOAEL Maternal: >= 364 mg/l

Species: Rat  
Application Route: oral gavage  
Dose: 500, 1000, 1500, 2000 mg/kg/d  
Exposure time: 10 d  
Test period: GD 6 - 15  
Method: OECD Guideline 414  
NOAEL Teratogenicity: 1,000 mg/kg  
NOAEL Maternal: 500 mg/kg

**Orfom® MCS**  
**Aspiration toxicity**  
May be fatal if swallowed and enters airways.  
Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

**Orfom® MCS**  
**Further information**  
Solvents may degrease the skin. Inhalation of high vapor concentrations can cause CNS-depression and narcosis. Solvents may degrease the skin.

**SECTION 12: Ecological information**

**Toxicity to fish**  
Distillates (petroleum), Hydrotreated light  
NOEC: 2 mg/l  
Exposure time: 96 h  
Species: Salmo gairdneri (Rainbow trout)  
Method: OECD Test Guideline 203

**Toxicity to daphnia and other aquatic invertebrates**
Distillates (petroleum), Hydrotreated light
EL50: 1.4 mg/l
Species: Daphnia magna (Water flea)
Exposure time: 48 h
static test Method: OECD Test Guideline 202

Toxicity to algae
Distillates (petroleum), Hydrotreated light
EL50: 1 - 3 mg/l
Species: Pseudokirchneriella subcapitata (green algae)
Exposure time: 72 h
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)
Distillates (petroleum), Hydrotreated light
NOEC: 0.48 mg/l
Species: Daphnia magna (Water flea)
Exposure time: 21 Days
Method: OECD Test Guideline 211

Elimination information (persistence and degradability)
Biodegradability: Taking into consideration the properties of several ingredients, the product is estimated to be biodegradable according to OECD classification.

Ecotoxicology Assessment
Acute aquatic toxicity: Toxic to aquatic life.
Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.
Toxicity Data on Soil: No data available
Other organisms relevant to the environment: No data available
Impact on Sewage Treatment: No data available
Results of PBT assessment: This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
Additional ecological information: Toxic to aquatic life with long lasting effects.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

The information in this SDS pertains only to the product as shipped.
Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.
Orfom® MCS

Version 1.8

Product

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

Testing (ASTM D4206) has shown product does not sustain combustion.

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT), 9, III, (77 °C), MARINE POLLUTANT, (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT)

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT), 9, III

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT), 9, III

RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT), 9, III

ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DISTILLATES (PETROLEUM) HYDROTREATED LIGHT), 9, III
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

**National legislation**

| SARA 311/312 Hazards                     | Fire Hazard                        |
|                                        | Acute Health Hazard                |
| CERCLA Reportable Quantity             | Calculated RQ exceeds reasonably attainable upper limit. |
|                                        | Naphthalene                        |
| SARA 302 Reportable Quantity           | This material does not contain any components with a SARA 302 RQ. |
| SARA 302 Threshold Planning Quantity   | No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. |
| SARA 304 Reportable Quantity           | This material does not contain any components with a section 304 EHS RQ. |
| SARA 313 Ingredients                   | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |

**Clean Air Act**

Ozone-Depletion Potential: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

- Ethylbenzene - 100-41-4
- Benzene, dimethyl- - 1330-20-7
- Naphthalene - 91-20-3

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489):

- Ethylbenzene - 100-41-4
- Benzene, dimethyl- - 1330-20-7
## US State Regulations

### Pennsylvania Right To Know
- Distillates (petroleum), Hydrotreated light - 64742-47-8
- Naphthalene - 91-20-3
- Ethylbenzene - 100-41-4
- Benzene, dimethyl- - 1330-20-7

### New Jersey Right To Know
- Distillates (petroleum), Hydrotreated light - 64742-47-8

### California Prop. 65 Ingredients
- WARNING! This product contains a chemical known in the State of California to cause cancer.

## Notification status
- **Europe REACH**: This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EU) No. 1907/2006 (REACH).
- **United States of America (USA) TSCA**: On TSCA Inventory
- **Canada DSL**: All components of this product are on the Canadian DSL
- **Australia AICS**: On the inventory, or in compliance with the inventory
- **New Zealand NZIoC**: On the inventory, or in compliance with the inventory
- **Japan ENCS**: On the inventory, or in compliance with the inventory
- **Korea KECI**: On the inventory, or in compliance with the inventory
- **Philippines PICCS**: On the inventory, or in compliance with the inventory
- **China IECSC**: On the inventory, or in compliance with the inventory

## SECTION 16: Other information

### NFPA Classification
- Health Hazard: 1
- Fire Hazard: 1
- Reactivity Hazard: 0

### Further information

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this SDS pertains only to the product as shipped.
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### Key or legend to abbreviations and acronyms used in the safety data sheet

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Government Industrial Hygienists</td>
</tr>
<tr>
<td>AICS</td>
<td>Australia, Inventory of Chemical Substances</td>
</tr>
<tr>
<td>DSL</td>
<td>Canada, Domestic Substances List</td>
</tr>
<tr>
<td>NDSL</td>
<td>Canada, Non-Domestic Substances List</td>
</tr>
<tr>
<td>CNS</td>
<td>Central Nervous System</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstract Service</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective Concentration</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective Concentration 50%</td>
</tr>
<tr>
<td>EGEST</td>
<td>EOSCA Generic Exposure Scenario Tool</td>
</tr>
<tr>
<td>EOSCA</td>
<td>European Oilfield Specialty Chemicals Association</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Chemical Substances</td>
</tr>
<tr>
<td>MAK</td>
<td>Germany Maximum Concentration Values</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System</td>
</tr>
<tr>
<td>&gt;=</td>
<td>Greater Than or Equal To</td>
</tr>
<tr>
<td>IC50</td>
<td>Inhibition Concentration 50%</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
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<tr>
<td>IECSC</td>
<td>Inventory of Existing Chemical Substances in China</td>
</tr>
<tr>
<td>ENCS</td>
<td>Japan, Inventory of Existing and New Chemical Substances</td>
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<td>KECl</td>
<td>Korea, Existing Chemical Inventory</td>
</tr>
<tr>
<td>&lt;=</td>
<td>Less Than or Equal To</td>
</tr>
<tr>
<td>LC50</td>
<td>Lethal Concentration 50%</td>
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<tr>
<td>LD50</td>
<td>Lethal Dose 50%</td>
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<tr>
<td>LOAEL</td>
<td>Lowest Observed Adverse Effect Level</td>
</tr>
<tr>
<td>NFPA</td>
<td>National Fire Protection Agency</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety &amp; Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>NZIoC</td>
<td>New Zealand Inventory of Chemicals</td>
</tr>
<tr>
<td>NOAEL</td>
<td>No Observable Adverse Effect Level</td>
</tr>
<tr>
<td>NOEC</td>
<td>No Observed Effect Concentration</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety &amp; Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>PICCS</td>
<td>Philippines Inventory of Commercial Chemical Substances</td>
</tr>
<tr>
<td>PRNT</td>
<td>Presumed Not Toxic</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation Recovery Act</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-term Exposure Limit</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act.</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TWA</td>
<td>Time Weighted Average</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substance Control Act</td>
</tr>
<tr>
<td>UVCB</td>
<td>Unknown or Variable Composition, Complex Reaction Products, and Biological Materials</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
</tr>
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