SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Substance
Product Name: Carbon Disulfide
CAS No: 75-15-0
Formula: CS₂
Synonyms: Carbon sulfide; Dithioxomethane

Intended Use of the Product
For the manufacture of viscose rayon, cellophane films, rubber vulcanization accelerators, xanthates, pharmaceutical intermediates (such as thiocarbanilide and thiocyanates), mercaptoethylamine, and several fungicides, soil fumigants, insecticides and their intermediates. Carbon disulfide is used as a solvent for rubbers, waxes, fats, oils, plastics, sulfur, phosphorus, selenium, bromine and iodine.

Name, Address, and Telephone of the Responsible Party

Manufacturer
CHEMTRADE LOGISTICS INC.
155 Gordon Baker Road
Suite 300
Toronto, Ontario M2H 3N5
For SDS Info: (416) 496-5856
www.chemtradelogistics.com

Emergency Telephone Number

Emergency Number : Canada: CANUTEC +1-613-996-6666 / US: CHEMTREC +1-800-424-9300
INTERNATIONAL: +1-703-741-5970
Chemtrade Emergency Contact: (866) 416-4404
For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification
Flam. Liq. 2 H225
Acute Tox. 4 H332
(Inhalation: dust,mist)
Eye Irrit. 2A H319
Repr. 2 H361
STOT RE 1 H372
Aquatic Acute 2 H401

Full text of hazard classes and H-statements : see section 16

Label Elements

GHS Labeling
Hazard Pictograms :

Signal Word : Danger
Hazard Statements :
H225 - Highly flammable liquid and vapor.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H361 - Suspected of damaging fertility or the unborn child (Inhalation).
H372 - Causes damage to organs (cardiovascular system, central nervous system,
Carbon Disulfide
Safety Data Sheet

Precautionary Statements

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor if you feel unwell.
P314 - Get medical advice/attention if you feel unwell.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, provincial, territorial and international regulations.

Other Hazards
Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

Unknown acute toxicity
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance</th>
<th>Product Identifier</th>
<th>%*</th>
<th>GHS Ingredient Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide</td>
<td>(CAS No) 75-15-0</td>
<td>&gt; 99.9</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4 (Inhalation:dust,mist), H332</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2A, H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Repr. 2, H361</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT RE 1, H372</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 2, H401</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

Description of First-aid Measures
General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

**Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Causes serious eye irritation. Harmful if inhaled. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

**Inhalation:** Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness.

**Skin Contact:** Prolonged exposure may cause skin irritation.

**Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO\(_2\)). Water may be ineffective but water should be used to keep fire-exposed container cool.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. A heavy water stream may spread burning liquid.

**Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Highly flammable liquid and vapor.

**Explosion Hazard:** May form flammable or explosive vapor-air mixture.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

**Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Sulfur oxides. Hydrogen sulfide. Carbon oxides.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

**Reference to Other Sections**

Refer to Section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. Do not breathe vapor, mist or spray.

**For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

**For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources.

**Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment.
Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Handle in accordance with standard industrial practices, and ensure appropriate usage.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do NOT breathe (vapor, mist, spray). Avoid contact with eyes, skin and clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities


Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

Incompatible Materials: Strong acids, strong bases, halogens, nitrous gases (NOx), metals (Zn, Na, K), oxidants.

Specific End Use(s)

For the manufacture of viscose rayon, cellophane films, rubber vulcanization accelerators, xanthates, pharmaceutical intermediates (such as thiocarbanilide and thiocyanates), mercaptoethylamine, and several fungicides, soil fumigants, insecticides and their intermediates. Carbon disulfide is used as a solvent for rubbers, waxes, fats, oils, plastics, sulfur, phosphorus, selenium, bromine and iodine.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Mexico OEL TWA (mg/m³)</th>
<th>USA ACGIH ACGIH TWA (ppm)</th>
<th>USA ACGIH ACGIH chemical category</th>
<th>USA ACGIH Biological Exposure Indices (BEI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td>30 mg/m³</td>
<td>10 ppm</td>
<td>Skin - potential significant contribution to overall exposure by the cutaneous route, Not Classifiable as a Human Carcinogen</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 ppm</td>
<td></td>
<td>0.5 mg/g Kreatinin Parameter: 2-Thioxothiazolidine-4-carboxylic acid - Medium: urine - Sampling time: end of shift (background, nonspecific)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USA OSHA OSHA PEL (TWA) (ppm)</td>
<td>20 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USA OSHA OSHA PEL (Ceiling) (ppm)</td>
<td>30 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USA NIOSH NIOSH REL (TWA) (mg/m³)</td>
<td>3 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USA NIOSH NIOSH REL (TWA) (ppm)</td>
<td>1 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USA NIOSH NIOSH REL (STEL) (mg/m³)</td>
<td>30 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USA NIOSH NIOSH REL (STEL) (ppm)</td>
<td>10 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>USA IDLH US IDLH (ppm)</td>
<td>500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Alberta OEL TWA (mg/m³)</td>
<td>3.1 mg/m³</td>
</tr>
</tbody>
</table>
### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Gas detectors should be used when toxic gases may be released.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Liquid</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Colorless</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Disagreeable</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
<td>0.1 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
<td>10.9 (Butyl Acetate = 1)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Carbon Disulfide
Safety Data Sheet

Melting Point: Not applicable
Freezing Point: -111.66 °C (-168.99 °F)
Boiling Point: 46.12 °C (115.02 °F)
Flash Point: -30.15 °C (-22.3°F) Pensky-Martens Closed Cup
Critical Temperature: 272.9 °C (523.2°F)
Auto-ignition Temperature: 90 °C (194°F)
Decomposition Temperature: Not available
Flammability (solid, gas): Not applicable
Lower Flammable Limit: 1 - 3 %
Upper Flammable Limit: 50 %
Vapor Pressure: 39.7 kPa (297.6 mm Hg)
Relative Vapor Density at 20°C: 2.6 Air = 1
Specific Gravity: 1.266
Solubility: Water: Partially soluble in the following materials: cold water. Soluble in all proportions in ethanol, methanol, diethyl ether, benzene, chloroform, carbon tetrachloride and oils.
Partition Coefficient: N-Octanol/Water: Not available
Viscosity: Not available

SECTION 10: STABILITY AND REACTIVITY
Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.
Chemical Stability: Extremely flammable liquid and vapor. May form flammable or explosive vapor-air mixture.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
Incompatible Materials: Strong acids, strong bases, halogens, nitrous gases (NOx), metals (Zn, Na, K), oxidants.
Hazardous Decomposition Products: None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION
Information on Toxicological Effects - Product
Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Inhalation:dust,mist: Harmful if inhaled.
LD50 and LC50 Data:

| Carbon Disulfide (75-15-0)          | ATE (Dust/Mist)       | 1.50 mg/l/4h |

Skin Corrosion/Irritation: Not classified
Eye Damage/Irritation: Causes serious eye irritation.
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs (cardiovascular system, central nervous system, peripheral nervous system) through prolonged or repeated exposure.
Reproductive Toxicity: Suspected of damaging fertility or the unborn child (Inhalation).
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified
Symptoms/Effects After Inhalation: Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness.
Symptoms/Effects After Skin Contact: Prolonged exposure may cause skin irritation.
Symptoms/Effects After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Effects After Ingestion: Ingestion may cause adverse effects.
Carbon Disulfide
Safety Data Sheet

Chronic Symptoms: Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 (mg/kg)</th>
<th>LC50 (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td></td>
<td>10.35</td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td></td>
<td>1.8</td>
</tr>
<tr>
<td>ATE (Dust/Mist)</td>
<td></td>
<td>1.50</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

Toxicity
Ecology - General: Toxic to aquatic life.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LC50 (mg/l)</th>
<th>Exposition Time</th>
<th>Species</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td>3 (3 - 5.8)</td>
<td>96 h</td>
<td>Poecilia reticulata [semi-static]</td>
<td></td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>2.1</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td>LC50 Fish 2</td>
<td>4</td>
<td>96 h</td>
<td>Poecilia reticulata [static]</td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Persistence and Degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

Bioaccumulative Potential

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Bioaccumulative Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td>Not established.</td>
</tr>
</tbody>
</table>

Mobility in Soil
Not available

Other Adverse Effects

<table>
<thead>
<tr>
<th>Other Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid release to the environment.</td>
</tr>
</tbody>
</table>

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

<table>
<thead>
<tr>
<th>TRANSPORTATION CLASSIFICATION</th>
<th>DOT</th>
<th>TDG</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification Number</td>
<td>UN1131</td>
<td>UN1131</td>
<td>UN1131</td>
<td>UN1131</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>CARBON DISULFIDE</td>
<td>CARBON DISULFIDE</td>
<td>CARBON DISULFIDE</td>
<td>CARBON DISULFIDE</td>
</tr>
<tr>
<td>Transport Hazard Class(es)</td>
<td>3 (6.1)</td>
<td>3 (6.1)</td>
<td>3 (6.1)</td>
<td>3 (6.1)</td>
</tr>
<tr>
<td>Packing Group</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
# Carbon Disulfide

## Safety Data Sheet


**Environmental Hazards**

<table>
<thead>
<tr>
<th>Marine Pollutant</th>
<th>Marine Pollutant</th>
<th>Marine Pollutant</th>
<th>Marine Pollutant</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Emergency Response**

<table>
<thead>
<tr>
<th>ERG Number</th>
<th>ERAP Index</th>
<th>EMS</th>
<th>ERG code (IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>131</td>
<td>1000</td>
<td>F-E, S-D</td>
<td>3HP</td>
</tr>
</tbody>
</table>

**Additional Information**

| Not applicable | Not applicable | Not applicable | Not applicable |

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>CERCLA RQ</th>
<th>EPCRA 304 RQ</th>
<th>SARA 302 TPQ</th>
<th>SARA 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td>100 lb</td>
<td>100 lb</td>
<td>10000 lb</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Carbon Disulfide (75-15-0)**

Fire hazard. Immediate (acute) health hazard. Delayed (chronic) health hazard.

### US TSCA Flags

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>US TSCA Flags/ Other Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td>TP - TP - indicates a substance that is the subject of a proposed Section 4 test rule under TSCA.</td>
</tr>
</tbody>
</table>

### US State Regulations

#### California Proposition 65

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>Carcinogenicity</th>
<th>Developmental Toxicity</th>
<th>Female Reproductive Toxicity</th>
<th>Male Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon disulfide (75-15-0)</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

#### State Right-To-Know Lists

<table>
<thead>
<tr>
<th>Chemical disulfide (75-15-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - Massachusetts - Right To Know List - Yes</td>
</tr>
<tr>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List - Yes</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List - Yes</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances - No</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List - Yes</td>
</tr>
</tbody>
</table>

#### Canadian Regulations

**Carbon disulfide (75-15-0)**

Listed on the Canadian DSL (Domestic Substances List)

Not listed on the Canadian NDSL (Non-Domestic Substances List)

### International Inventories/Lists

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>Australia AICS</th>
<th>Turkey CICR</th>
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<td>Yes</td>
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### Additional Information

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## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date**

03/21/2017
Carbon Disulfide
Safety Data Sheet

Revision Summary

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Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada’s Hazardous Products Regulations (HPR).

GHS Full Text Phrases:

- **Acute Tox. 4 (Inhalation:dust,mist)**: Acute toxicity (inhalation:dust,mist) Category 4
- **Aquatic Acute 2**: Hazardous to the aquatic environment - Acute Hazard Category 2
- **Eye Irrit. 2A**: Serious eye damage/eye irritation Category 2A
- **Flam. Liq. 2**: Flammable liquids Category 2
- **Repr. 2**: Reproductive toxicity Category 2
- **STOT RE 1**: Specific target organ toxicity (repeated exposure) Category 1

NFPA 704

- **NFPA Health Hazard**: 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
- **NFPA Fire Hazard**: 3 - Liquids and solids that can be ignited under almost all ambient conditions.
- **NFPA Reactivity Hazard**: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS Rating

- **Health**: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given
  - * Chronic - Chronic (long-term) health effects may result from repeated overexposure
- **Flammability**: 3 Serious Hazard
- **Physical**: 0 Minimal Hazard
- **PPE**: See Section 8

Abbreviations and Acronyms

- AICS – Australian Inventory of Chemical Substances
- ACGIH – American Conference of Governmental Industrial Hygienists
- AIHA – American Industrial Hygiene Association
- LC50 - Median Lethal Concentration
- LD50 - Median Lethal Dose
- LOAEL - Lowest Observed Adverse Effect Level
Carbon Disulfide

Safety Data Sheet


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