**SECTION 1: IDENTIFICATION**

**Product Identifier**

**Product Form:** Mixture

**Product Name:** Sodium Chlorate Solution (Cell liquor blend)

**Synonyms:** Chlorate of soda; Chloric acid, sodium salt

**Intended Use of the Product**

Production of Chlorine dioxide for bleaching pulp; Herbicide

**Name, Address, and Telephone of the Responsible Party**

**Manufacturer**

CHEMTRADE LOGISTICS INC.
155 Gordon Baker Road
Suite 300
Toronto, Ontario M2H 3N5

For MSDS Info: (416) 496-5856

www.chemtradelogistics.com

**Emergency Telephone Number**

Emergency number : Canada: CANUTEC +1-613-996-6666 / US: CHEMTREC +1-800-424-9300

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**

**Classification (GHS-US)**

Ox. Liq. 2 H272
Aquatic Chronic 2 H411

**Label Elements**

**GHS-US Labeling**

**Hazard Pictograms (GHS-US)** :

![Hazard Pictogram]

**Signal Word (GHS-US)** :

Danger

**Hazard Statements (GHS-US)** :

H272 - May intensify fire; oxidizer

H411 - Toxic to aquatic life with long lasting effects

**Precautionary Statements (GHS-US)** :

P210 - Keep away from heat, open flames, sparks. - No smoking

P220 - Keep/Store away from combustible materials, combustibles, clothing

P221 - Take any precaution to avoid mixing with combustible materials

P273 - Avoid release to the environment

P280 - Wear eye protection, protective clothing, protective gloves

P370+P378 - In case of fire: Use appropriate media to extinguish

P391 - Collect spillage

P501 - Dispose of contents/container according to local, regional, national, and international regulations

**Other Hazards**

Other Hazards Not Contributing to the Classification: Not available

Unknown Acute Toxicity (GHS-US): Not available

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Substances**

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chlorate</td>
<td>(CAS No) 7775-09-9</td>
<td>44 - 50</td>
<td>Ox. Sol. 1, H271</td>
</tr>
</tbody>
</table>
Sodium Chlorate Solution (Cell liquor blend)

Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Sodium chloride          | (CAS No) 7647-14-5 | 0.04 - 1.4 | Acute Tox. 4 (Oral), H302
|                         |                    |           | Aquatic Chronic 2, H411
| Sodium dichromate       | (CAS No) 10588-01-9| 0.04 - 0.07| Ox. Liqu. 2, H272
|                         |                    |           | Acute Tox. 2 (Oral), H300
|                         |                    |           | Acute Tox. 3 (Dermal), H311
|                         |                    |           | Acute Tox. 2 (Inhalation:dust,mist), H330
|                         |                    |           | Skin Corr. 1A, H314
|                         |                    |           | Resp. Sens. 1, H334
|                         |                    |           | Skin Sens. 1, H317
|                         |                    |           | Muta. 1A, H340
|                         |                    |           | Carc. 1A, H350
|                         |                    |           | Repr. 1A, H360
|                         |                    |           | STOT RE 1, H372
|                         |                    |           | Aquatic Acute 1, H400
|                         |                    |           | Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

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.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth. Do NOT induce vomiting.

Most Important Symptoms and Effects Both Acute and Delayed

General: Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

Inhalation: Inhalation of vapors may cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: Direct contact with the eyes is likely irritating.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None known.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use water jet. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: May intensify fire; oxidizer. Will burn if exposed to heat, and in addition, will accelerate the burning of other combustibles, resulting in more rapid spread of fire.

Explosion Hazard: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Reactivity: ‘Oxidizing’ substances and preparations which exhibit highly exothermic reactions when in contact with other substances, particularly flammable substances. Oxidizing activity increases with decreasing pH.

Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire. 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: Not available

Other information: Use water spray or fog for cooling exposed containers.
# Sodium Chlorate Solution (Cell liquor blend)

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### 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:** No naked lights. No smoking. Do not allow product to spread into the environment.

**For Non-Emergency Personnel**

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

**Emergency Procedures:** Evacuate unnecessary personnel.

**For Emergency Personnel**

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

**Emergency Procedures:** Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not take up in combustible material such as: saw dust or cellulosic material.

**Methods for Cleaning Up:** Collect spillage. Clear up spills immediately and dispose of waste safely.

### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

### SECTION 7: HANDLING AND STORAGE

**Precautions for Safe Handling**

**Additional Hazards When Processed:** Hazardous waste due to potential risk of explosion.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place.

**Specific End Use(s)**

Production of Chlorine dioxide for bleaching pulp; Herbicide

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters**

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

**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.

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

**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Clothing contaminated with sodium chlorate may become dangerously flammable and should not be allowed to dry (keep wet). Remove contaminated clothing and wash immediately immediately. Clothing and gloves worn in areas where chlorate is stored or used should be washed at the end of each work shift. Leather materials should be kept out of chlorate areas. Change clothing at end of each work shift or when contaminated.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless yellow or green solution</td>
</tr>
</tbody>
</table>
Sodium Chlorate Solution (Cell liquor blend)
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Odor: Odorless

Odor Threshold: Not available


Relative Evaporation Rate (butylacetate=1): Not available

Melting Point: 248 °C (478.4°F)

Freezing Point: Not available

Boiling Point: 265 °C (509°F) decomposes

Flash Point: Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Flammability (solid, gas): Not applicable

Lower Flammable Limit: Not available

Upper Flammable Limit: Not available

Vapor Pressure: 0 Does not form vapor

Relative Vapor Density at 20 °C: Not available

Viscosity: Not available

Explosion Data – Sensitivity to Mechanical Impact: On contact with combustible materials: Sensitive to mechanical impact

Explosion Data – Sensitivity to Static Discharge: On contact with combustible materials: Static discharge could act as an ignition source.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: ‘Oxidizing’: substances and preparations which exhibit highly exothermic reactions when in contact with other substances, particularly flammable substances. Oxidizing activity increases with decreasing pH.

Chemical Stability: May intensify fire; oxidizer. May undergo violent chemical changes at elevated temperature and pressure. Thermal decomposition occurs at temperatures above 482°F (250°C).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.


Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified


Serious Eye Damage/Irritation: Not classified


Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified
### Symptoms/Injuries After Inhalation:
Inhalation of vapors may cause respiratory irritation.

### Symptoms/Injuries After Skin Contact:
May cause skin irritation.

### Symptoms/Injuries After Eye Contact:
Direct contact with the eyes is likely irritating.

### Symptoms/Injuries After Ingestion:
Ingestion is likely to be harmful or have adverse effects.

### Chronic Symptoms:
None known.

#### Information on Toxicological Effects - Ingredient(s)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chlorate (7775-09-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>1200 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat (mg/l)</td>
<td>&gt; 28 g/m³ (Exposure time: 1 h)</td>
<td></td>
</tr>
<tr>
<td>Sodium chloride (7647-14-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>3 g/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat (mg/l)</td>
<td>&gt; 42 g/m³ (Exposure time: 1 h)</td>
<td></td>
</tr>
<tr>
<td>Sodium dichromate (10588-01-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>50 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>336 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat (mg/l)</td>
<td>0.124 mg/l/4h</td>
<td></td>
</tr>
</tbody>
</table>

#### Sodium chlorate (7775-09-9)
National Toxicity Program (NTP) Status: Evidence of Carcinogenicity.

<table>
<thead>
<tr>
<th>Sodium dichromate (10588-01-9)</th>
<th>IARC Group</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

#### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology - General:** Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Sodium chlorate (7775-09-9)</th>
<th>LC50 Fish 1 (Exposure time: 96 h - Species: Pimephales promelas)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13500 mg/l</td>
</tr>
<tr>
<td>LC50 Fish 2 (Exposure time: 96 h - Species: Oncorhynchus mykiss)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1750 mg/l</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium chloride (7647-14-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1 (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])</td>
</tr>
<tr>
<td>5560 (5560 - 6080) mg/l</td>
</tr>
<tr>
<td>EC50 Daphnia 1 (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>1000 mg/l</td>
</tr>
<tr>
<td>LC 50 Fish 2 (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
</tr>
<tr>
<td>12946 mg/l</td>
</tr>
<tr>
<td>EC50 Daphnia 2 (Exposure time: 48 h - Species: Daphnia magna [Static])</td>
</tr>
<tr>
<td>340.7 (340.7 - 469.2) mg/l</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sodium dichromate (10588-01-9)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1 (Exposure time: 96 h - Species: Pimephales promelas [flow-through])</td>
</tr>
<tr>
<td>33.2 mg/l</td>
</tr>
<tr>
<td>EC50 Daphnia 1 (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td>0.098 - 0.129 mg/l</td>
</tr>
<tr>
<td>LC 50 Fish 2 (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])</td>
</tr>
<tr>
<td>69 mg/l</td>
</tr>
</tbody>
</table>

#### Persistence and Degradability

**Sodium Chlorate Solution (Cell liquor blend)**

Persistence and Degradability: Not established. May cause long-term adverse effects in the environment.

#### Bioaccumulative Potential

**Sodium Chlorate Solution (Cell liquor blend)**

Bio-accumulative Potential: Not established.

**Sodium chloride (7647-14-5)**

BCF fish 1: (no bioaccumulation)

#### Mobility in Soil
Not available

#### Other Adverse Effects

**Other Information:** Avoid release to the environment.
Sodium Chlorate Solution (Cell liquor blend)

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations:

Additional Information: Hazardous waste due to potential risk of explosion.

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

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name: SODIUM CHLORATE, AQUEOUS SOLUTION
Hazard Class: 5.1
Identification Number: UN2428
Label Codes: 5.1
Packing Group: II
ERG Number: 140

14.2 In Accordance with IMDG

Proper Shipping Name: SODIUM CHLORATE, AQUEOUS SOLUTION
Hazard Class: 5.1
Identification Number: UN2428
Label Codes: 5.1
EmS-No. (Fire): F-H
EmS-No. (Spillage): S-Q

14.3 In Accordance with IATA

Proper Shipping Name: SODIUM CHLORATE, AQUEOUS SOLUTION
Packing Group: II
Identification Number: UN2428
Hazard Class: 5
Label Codes: 5.1
ERG Code (IATA): 5L

14.4 In Accordance with TDG

Proper Shipping Name: SODIUM CHLORATE, AQUEOUS SOLUTION
Packing Group: II
Identification Number: UN2428
Hazard Class: 5.1
Label Codes: 5.1

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Sodium chlorate (7775-09-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium chloride (7647-14-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Sodium dichromate (10588-01-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag
R - R - indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

US State Regulations

Sodium chlorate (7775-09-9)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Date of issue: 05/05/15
EN (English US) SDS#: CHE-8010S 6/8
**Sodium Chlorate Solution (Cell liquor blend)**

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---

**Sodium dichromate (10588-01-9)**

<table>
<thead>
<tr>
<th>U.S. - Massachusetts - Right To Know List</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
</tr>
</tbody>
</table>

**Canadian Regulations**

**Sodium Chlorate Solution (Cell liquor blend)**

<table>
<thead>
<tr>
<th>WHMIS Classification</th>
<th>Class C - Oxidizing Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects</td>
</tr>
</tbody>
</table>

**Sodium chlorate (7775-09-9)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

<table>
<thead>
<tr>
<th>WHMIS Classification</th>
<th>Class C - Oxidizing Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects</td>
</tr>
</tbody>
</table>

**Sodium chloride (7647-14-5)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

<table>
<thead>
<tr>
<th>WHMIS Classification</th>
<th>Uncontrolled product according to WHMIS classification criteria</th>
</tr>
</thead>
</table>

**Sodium dichromate (10588-01-9)**

Listed on the Canadian DSL (Domestic Substances List) inventory.

<table>
<thead>
<tr>
<th>WHMIS Classification</th>
<th>Class C - Oxidizing Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects</td>
</tr>
<tr>
<td></td>
<td>Class D Division 2 Subdivision A - Very toxic material causing other toxic effects</td>
</tr>
<tr>
<td></td>
<td>Class D Division 2 Subdivision B - Toxic material causing other toxic effects</td>
</tr>
</tbody>
</table>

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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

<table>
<thead>
<tr>
<th>Revision date</th>
<th>05/05/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Information</td>
<td>This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.</td>
</tr>
</tbody>
</table>

**GHS Full Text Phrases:**

<table>
<thead>
<tr>
<th>Acute Tox. 2 (Inhalation:dust,mist)</th>
<th>Acute toxicity (inhalation:dust,mist) Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 2 (Oral)</td>
<td>Acute toxicity (oral) Category 2</td>
</tr>
<tr>
<td>Acute Tox. 3 (Dermal)</td>
<td>Acute toxicity (dermal) Category 3</td>
</tr>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 2</td>
</tr>
<tr>
<td>Carc. 1A</td>
<td>Carcinogenicity Category 1A</td>
</tr>
<tr>
<td>Muta. 1A</td>
<td>Germ cell mutagenicity Category 1A</td>
</tr>
<tr>
<td>Ox. Liq. 2</td>
<td>Oxidizing liquids Category 2</td>
</tr>
<tr>
<td>Ox. Sol. 1</td>
<td>Oxidizing solids Category 1</td>
</tr>
<tr>
<td>Repr. 1A</td>
<td>Reproductive toxicity Category 1A</td>
</tr>
<tr>
<td>Resp. Sens. 1</td>
<td>Respiratory sensitisation Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1A</td>
<td>Skin corrosion/irritation Category 1</td>
</tr>
</tbody>
</table>

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Date of issue: 05/05/15

EN (English US)

SDS#: CHE-8010S

7/8
Sodium Chlorate Solution (Cell liquor blend)

Safety Data Sheet
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<table>
<thead>
<tr>
<th>Skin Sens. 1</th>
<th>Skin sensitization Category 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOT RE 1</td>
<td>Specific target organ toxicity (repeated exposure) Category 1</td>
</tr>
<tr>
<td>H271</td>
<td>May cause fire or explosion; strong oxidizer</td>
</tr>
<tr>
<td>H272</td>
<td>May intensify fire; oxidizer</td>
</tr>
<tr>
<td>H300</td>
<td>Fatal if swallowed</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H311</td>
<td>Toxic in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
<tr>
<td>H330</td>
<td>Fatal if inhaled</td>
</tr>
<tr>
<td>H334</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled</td>
</tr>
<tr>
<td>H340</td>
<td>May cause genetic defects</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H360</td>
<td>May damage fertility or the unborn child</td>
</tr>
<tr>
<td>H372</td>
<td>Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

Party Responsible for the Preparation of This Document
CHEMTRADE LOGISTICS, INC.
For SDS Info: (416) 496-5856

Handle product with due care and avoid unnecessary contact. This information is supplied under U.S. OSHA'S “Right to Know” (29 CFR 1910.1200) and Canada’s WHMIS regulations. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. The information contained herein is based on data available to us and is believed to be true and accurate but it is not offered as a product specification. No warranty, expressed or implied, regarding the accuracy of this data, the hazards connected with the use of the product, or the results to be obtained from the use thereof, is made and Chemtrade and its affiliates assume no responsibility. Chemtrade is a member of the CIAC (Chemistry Industry Association of Canada) and adheres to the codes and principles of Responsible Care™.