SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture
Product Name: Phosphoric Acid 5 - 40%
Formula: H₃PO₄ (aq)
Synonyms: Orthophosphoric acid; Monophosphoric acid

Intended Use of the Product
Intermediate chemical to be used in production of fertilizers and other phosphate products such as acid cleaners and aluminium brighteners. May also be used in leather tanning, varnish, synthetic rubber production, and water treatment.

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)
Met. Corr. 1 H290
Skin Corr. 1A H314
Eye Dam. 1 H318
Aquatic Acute 2 H401

Label Elements

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

Signal Word (GHS-US): Danger

Hazard Statements (GHS-US):
H290 - May be corrosive to metals
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H401 - Toxic to aquatic life

Precautionary Statements (GHS-US):
P234 - Keep only in original container
P260 - Do not breathe fume, mist, vapors, spray
P264 - Wash hands and forearms thoroughly after handling
P273 - Avoid release to the environment
P280 - Wear eye protection, face protection, protective gloves, protective clothing
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove
Phosphoric Acid 5 - 40%

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contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician
P321 - Specific treatment (see Section 4)
P363 - Wash contaminated clothing before reuse
P390 - Absorb spillage to prevent material damage
P405 - Store locked up
P406 - Store in corrosive resistant container with a resistant inner liner
P501 - Dispose of contents/container to local, regional, national, and international regulations

Other Hazards
Other Hazards Not Contributing to the Classification: Not available

Unknown Acute Toxicity (GHS-US) Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substances</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Product identifier</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>(CAS No) 7664-38-2</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Using proper respirator protection, immediately move the exposed person to fresh air. Keep at rest and in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Seek immediate medical advice. Symptoms may be delayed.

Skin Contact: Remove/Take off immediately all contaminated clothing. Immediately flush skin with plenty of water for at least 60 minutes. Seek medical attention immediately if exposure is severe. Obtain medical advice if irritation develops or persists. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label.

Most Important Symptoms and Effects Both Acute and Delayed

General: Corrosive. Causes burns. Harmful if swallowed. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

Inhalation: Causes severe respiratory irritation if inhaled. Symptoms may include burning of nose and throat, constriction of airway, difficulty breathing, shortness of breath, bronchial spasms, chest pain, and pink frothy sputum. Contact may cause immediate severe irritation progressing quickly to chemical burns. May cause pulmonary edema. Symptoms may be delayed.

Skin Contact: Contact may cause immediate severe irritation progressing quickly to chemical burns.

Eye Contact: Contact may cause immediate severe irritation progressing quickly to chemical burns. Can cause blindness.

Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing a small quantity of this material will result in serious health hazard.

Chronic Symptoms: Repeated or prolonged inhalation may damage lungs. Prolonged and repeated contact will eventually cause permanent tissue damage.

Indication of Any Immediate Medical Attention and Special Treatment Needed
Not available
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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

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

Unsuitable Extinguishing Media: Do not get water inside containers. Do not apply water stream directly at source of leak. Do not use a heavy water stream. A direct water stream will cause violent splattering and generation of heat.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable. Under conditions of fire this material may produce: Oxides of phosphorus.

Explosion Hazard: Product is not explosive.

Reactivity: Potential violent reaction with sodium tetrahydroborate. Mixtures with nitromethane are explosive. Potential for formation of flammable gases if reacted with aldehydes, cyanides, mercaptans sulfites and sulfides.

Advice for Firefighters

Precautionary Measures Fire: Not available

Firefighting Instructions: Keep upwind. Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion and decomposition products.

Hazardous Combustion Products: Not available

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: Not available

For Non-Emergency Personnel

Protective Equipment: Use recommended respiratory protection. Wear suitable protective clothing, gloves and eye/face protection.


For Emergency Personnel

Protective Equipment: Use recommended respiratory protection. Wear suitable protective clothing, gloves and eye/face protection.


Environmental Precautions

If spill could potentially enter any waterway, including intermittent dry creeks, contact the U.S. COAST GUARD NATIONAL RESPONSE CENTER at 800-424-8802. In case of accident or road spill notify CHEMTREC at 800-424-9300 (in USA) or CANUTEC at 613-996-6666 (in Canada). In other countries call CHEMTREC at (International code) +1-703-527-3887.

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.

Methods for Cleaning Up: Collect spillage. Dispose in a safe manner in accordance with local/national regulations.

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: Always add acid to water. Do NOT add water to acid!

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wash contaminated clothing before reuse.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Avoid contact with metals (such as mild steel and aluminum) and chlorides, which may liberate flammable hydrogen gas that can produce an explosion in confined vessels.

Storage Conditions: Store tightly closed in a dry, cool and well-ventilated place. Direct sunlight, extremely high or low temperatures and incompatible materials. Protect from freezing.

Storage Area: Store in dry, cool area. Store in a well-ventilated place. Keep away from combustible materials.

Special Rules on Packaging: Store in plastic, rubber-lined, or 316L stainless steel containers designed for Phosphoric Acid.

Specific End Use(s): Intermediate chemical to be used in production of fertilizers and other phosphate products such as acid cleaners and aluminium brighteners. May also be used in leather tanning, varnish, synthetic rubber production, and water treatment.
### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

<table>
<thead>
<tr>
<th>Phosphoric acid (7664-38-2)</th>
<th>USA ACGIH</th>
<th>ACGIH TWA (mg/m³)</th>
<th>1 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (mg/m³)</td>
<td>1000 mg/m³</td>
<td></td>
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<tr>
<td>Alberta</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Alberta</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>British Columbia</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
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<tr>
<td>British Columbia</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Manitoba</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>New Brunswick</td>
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<tr>
<td>New Brunswick</td>
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<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Nunavut</td>
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<td>3 mg/m³</td>
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<td>Nunavut</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
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<tr>
<td>Northwest Territories</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Québec</td>
<td>VECD (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Québec</td>
<td>VEMP (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL STEL (mg/m³)</td>
<td>3 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL TWA (mg/m³)</td>
<td>1 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**Exposure Controls**

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Provide sufficient ventilation to keep vapors below permissible exposure limit.

**Personal Protective Equipment:** Protective goggles. Face shield. Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits. Protective clothing.

**Materials for Protective Clothing:** Not available

**Hand Protection:** Impermeable protective gloves.

**Eye Protection:** Face shield. Chemical safety goggles. Do not wear contact lenses.

**Skin and Body Protection:** Wear suitable protective clothing. Chemical resistant suit. Rubber apron, boots.

**Respiratory Protection:** Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Environmental Exposure Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless. Pungent odor may exist if certain impurities are present in the acid.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>0.5 - 2</td>
</tr>
<tr>
<td>Relative Evaporation Rate (butylacetate=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>-6 °C (21.2°F) for 20% H₃PO₄</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>100.8 °C (213.4°F) for 20% H₃PO₄</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>17 mm Hg @ 20°C (for 20% H₃PO₄)</td>
</tr>
<tr>
<td>Relative Vapor Density at 20 °C</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.03 - 1.25</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Mechanical Impact</td>
<td>Not expected to present an explosion hazard due to mechanical impact.</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Static Discharge</td>
<td>Not expected to present an explosion hazard due to static discharge.</td>
</tr>
</tbody>
</table>

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity: Potential violent reaction with sodium tetrahydroborate. Mixtures with nitromethane are explosive. Potential for formation of flammable gases if reacted with aldehydes, cyanides, mercaptans sulfites and sulfides.

Chemical Stability: Stable at standard temperature and pressure.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Incompatible materials. Protect from moisture.

Incompatible Materials: Aldehydes, amines, amides, alcohols and glycols, azo-compounds, caustics, combustible materials, carbamates, epoxides, esters, explosives, ketones, organophosphates, organic peroxides, phenols and cresols, and unsaturated halides.

Hazardous Decomposition Products: Under conditions of fire this material may produce: Phosphorus oxides. Phosphine. Potential for formation of toxic fumes with reacted with cyanides, sulfites, sulfides, fluorides, organic peroxides and halogenated organics.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes severe skin burns and eye damage.

pH: 0.5 - 2

Serious Eye Damage/Irritation: Causes serious eye damage.

pH: 0.5 - 2

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

Carcinogenicity: Not classified
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**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:** Causes severe respiratory irritation if inhaled. Symptoms may include burning of nose and throat, constriction of airway, difficulty breathing, shortness of breath, bronchial spasms, chest pain, and pink frothy sputum. Contact may cause immediate severe irritation progressing quickly to chemical burns. May cause pulmonary edema. Symptoms may be delayed.

**Symptoms/Injuries After Skin Contact:** Contact may cause immediate severe irritation progressing quickly to chemical burns.

**Symptoms/Injuries After Eye Contact:** Contact may cause immediate severe irritation progressing quickly to chemical burns. Can cause blindness.

**Symptoms/Injuries After Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing a small quantity of this material will result in serious health hazard.

**Chronic Symptoms:** Repeated or prolonged inhalation may damage lungs. Prolonged and repeated contact will eventually cause permanent tissue damage.

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

**LD50 and LC50 Data:**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LD50 Dermal Rabbit</th>
<th>LC50 Inhalation Rat (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid (7664-38-2)</td>
<td>1530 mg/kg</td>
<td>2730 mg/kg</td>
<td>&gt; 850 mg/m³ (Exposure time: 1 h)</td>
</tr>
</tbody>
</table>

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity** Not classified

**Persistence and Degradability** Not available

**Bioaccumulative Potential** Not available

**Mobility in Soil** Not available

**Other Adverse Effects**

Other adverse effects: Inorganic phosphates have the potential to increase the growth of freshwater algae, whose eventual death will reduce the available oxygen for aquatic life. May cause pH changes in aqueous ecological systems.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Sewage Disposal Recommendations:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

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

**SECTION 14: TRANSPORT INFORMATION**

**14.1 In Accordance with DOT**

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>PHOSPHORIC ACID SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>8</td>
</tr>
<tr>
<td>Identification Number</td>
<td>UN1805</td>
</tr>
<tr>
<td>Label Codes</td>
<td>8</td>
</tr>
<tr>
<td>Packing Group</td>
<td>III</td>
</tr>
<tr>
<td>ERG Number</td>
<td>154</td>
</tr>
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</table>

**14.2 In Accordance with IMDG**

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>PHOSPHORIC ACID SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Class</td>
<td>8</td>
</tr>
<tr>
<td>Identification Number</td>
<td>UN1805</td>
</tr>
</tbody>
</table>
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Packing Group : III
Label Codes : 8
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B

14.3 In Accordance with IATA
Proper Shipping Name : PHOSPHORIC ACID, SOLUTION
Packing Group : III
Identification Number : UN1805
Hazard Class : 8
Label Codes : 8
ERG Code (IATA) : 8L

14.4 In Accordance with TDG
Proper Shipping Name : PHOSPHORIC ACID, LIQUID
Packing Group : III
Hazard Class : 8
Identification Number : UN1805
Label Codes : 8

SECTION 15: REGULATORY INFORMATION

US Federal Regulations
Phosphoric Acid 5 - 40%
SARA Section 311/312 Hazard Classes
Immediate (acute) health hazard
Delayed (chronic) health hazard

Phosphoric acid (7664-38-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

US State Regulations
Phosphoric acid (7664-38-2)
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

Canadian Regulations
Phosphoric Acid 5 - 40%
WHMIS Classification
Class E - Corrosive Material
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Phosphoric acid (7664-38-2)
Listed on the Canadian DSL (Domestic Substances List) inventory.
Listed on the Canadian Ingredient Disclosure List
WHMIS Classification
Class E - Corrosive Material
Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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

Revision date : 05/03/2015
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
Phosphoric Acid 5 - 40%

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GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>GHS Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 (Oral)</td>
<td>Acute toxicity (oral) Category 4</td>
</tr>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Met. Corr. 1</td>
<td>Corrosive to metals Category 1</td>
</tr>
<tr>
<td>Skin Corr. 1A</td>
<td>Skin corrosion/irritation Category 1A</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation Category 1B</td>
</tr>
<tr>
<td>H290</td>
<td>May be corrosive to metals</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
</tbody>
</table>

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

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