

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Name:** Heavy Duty Bilge Cleaner

**Product Code:** 805XX

### Intended Use of the Product

**Use of the Substance/Mixture:** Cleaner.

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

**Classification (GHS-US)**

Eye Irrit. 2A H319

### Label Elements

**GHS-US Labeling**

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



GHS07

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

**Hazard Statements (GHS-US)** : H319 - Causes serious eye irritation.

**Precautionary Statements (GHS-US)** : P264 - Wash hands, forearms, and exposed areas thoroughly after handling.  
 P280 - Wear eye protection, protective gloves, protective clothing.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.

### Other Hazards

No additional information available

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name  | Product Identifier  | % (w/w)   | Classification (GHS-US)  |
|---|---------------------|-----------|--|
| Isopropyl alcohol                                     | (CAS No) 67-63-0    | 1 - 5     | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336         |
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts | (CAS No) 68585-47-7 | 0.1 - 1   | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318 |
| Dipropylene glycol monomethyl ether                   | (CAS No) 34590-94-8 | 0.5 - 1.5 | Flam. Liq. 4, H227   |

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 if possible).

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**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.  
**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Wash contaminated clothing before reuse. 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. Immediately call a POISON CENTER or doctor/physician.

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

**General:** Causes serious eye irritation.  
**Inhalation:** May cause irritation to the respiratory tract.  
**Skin Contact:** May cause mild skin irritation.  
**Eye Contact:** Causes serious eye irritation.  
**Ingestion:** Ingestion is likely to be harmful or have adverse effects.  
**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting.

### **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 a heavy water stream. Use of heavy stream of water may spread fire.

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

**Fire Hazard:** Not flammable.  
**Explosion Hazard:** Product is not explosive.  
**Reactivity:** None known.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.  
**Firefighting Instructions:** Do not allow run-off from fire fighting to enter drains or water courses.  
**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.  
**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds.  
**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:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

#### **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. Stop leak if safe to do so.

**Environmental Precautions** Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Absorb and/or contain spill with inert material, then place in suitable container.  
**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely.

#### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**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**

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.  
**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

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**Specific End Use(s)** Cleaner.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

| Isopropyl alcohol (67-63-0) |                                       |                        |
|-----------------------------|---------------------------------------|------------------------|
| USA ACGIH                   | ACGIH TWA (ppm)                       | 200 ppm                |
| USA ACGIH                   | ACGIH STEL (ppm)                      | 400 ppm                |
| USA OSHA                    | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 980 mg/m <sup>3</sup>  |
| USA OSHA                    | OSHA PEL (TWA) (ppm)                  | 400 ppm                |
| USA NIOSH                   | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 980 mg/m <sup>3</sup>  |
| USA NIOSH                   | NIOSH REL (TWA) (ppm)                 | 400 ppm                |
| USA NIOSH                   | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 1225 mg/m <sup>3</sup> |
| USA NIOSH                   | NIOSH REL (STEL) (ppm)                | 500 ppm                |
| USA IDLH                    | US IDLH (ppm)                         | 2000 ppm (10% LEL)     |
| Alberta                     | OEL STEL (mg/m <sup>3</sup> )         | 984 mg/m <sup>3</sup>  |
| Alberta                     | OEL STEL (ppm)                        | 400 ppm                |
| Alberta                     | OEL TWA (mg/m <sup>3</sup> )          | 492 mg/m <sup>3</sup>  |
| Alberta                     | OEL TWA (ppm)                         | 200 ppm                |
| British Columbia            | OEL STEL (ppm)                        | 400 ppm                |
| British Columbia            | OEL TWA (ppm)                         | 200 ppm                |
| Manitoba                    | OEL STEL (ppm)                        | 400 ppm                |
| Manitoba                    | OEL TWA (ppm)                         | 200 ppm                |
| New Brunswick               | OEL STEL (mg/m <sup>3</sup> )         | 1230 mg/m <sup>3</sup> |
| New Brunswick               | OEL STEL (ppm)                        | 500 ppm                |
| New Brunswick               | OEL TWA (mg/m <sup>3</sup> )          | 983 mg/m <sup>3</sup>  |
| New Brunswick               | OEL TWA (ppm)                         | 400 ppm                |
| Newfoundland & Labrador     | OEL STEL (ppm)                        | 400 ppm                |
| Newfoundland & Labrador     | OEL TWA (ppm)                         | 200 ppm                |
| Nova Scotia                 | OEL STEL (ppm)                        | 400 ppm                |
| Nova Scotia                 | OEL TWA (ppm)                         | 200 ppm                |
| Nunavut                     | OEL STEL (mg/m <sup>3</sup> )         | 1228 mg/m <sup>3</sup> |
| Nunavut                     | OEL STEL (ppm)                        | 500 ppm                |
| Nunavut                     | OEL TWA (mg/m <sup>3</sup> )          | 983 mg/m <sup>3</sup>  |
| Nunavut                     | OEL TWA (ppm)                         | 400 ppm                |
| Northwest Territories       | OEL STEL (mg/m <sup>3</sup> )         | 1228 mg/m <sup>3</sup> |
| Northwest Territories       | OEL STEL (ppm)                        | 500 ppm                |
| Northwest Territories       | OEL TWA (mg/m <sup>3</sup> )          | 983 mg/m <sup>3</sup>  |
| Northwest Territories       | OEL TWA (ppm)                         | 400 ppm                |
| Ontario                     | OEL STEL (ppm)                        | 400 ppm                |
| Ontario                     | OEL TWA (ppm)                         | 200 ppm                |
| Prince Edward Island        | OEL STEL (ppm)                        | 400 ppm                |
| Prince Edward Island        | OEL TWA (ppm)                         | 200 ppm                |
| Québec                      | VECD (mg/m <sup>3</sup> )             | 1230 mg/m <sup>3</sup> |
| Québec                      | VECD (ppm)                            | 500 ppm                |
| Québec                      | VEMP (mg/m <sup>3</sup> )             | 985 mg/m <sup>3</sup>  |
| Québec                      | VEMP (ppm)                            | 400 ppm                |
| Saskatchewan                | OEL STEL (ppm)                        | 400 ppm                |
| Saskatchewan                | OEL TWA (ppm)                         | 200 ppm                |
| Yukon                       | OEL STEL (mg/m <sup>3</sup> )         | 1225 mg/m <sup>3</sup> |
| Yukon                       | OEL STEL (ppm)                        | 500 ppm                |
| Yukon                       | OEL TWA (mg/m <sup>3</sup> )          | 980 mg/m <sup>3</sup>  |
| Yukon                       | OEL TWA (ppm)                         | 400 ppm                |

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| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b>                   |                                       |                       |
|---|---------------------------------------|-----------------------|
| <b>USA ACGIH</b>  | ACGIH TWA (ppm)                       | 100 ppm               |
| <b>USA ACGIH</b>  | ACGIH STEL (ppm)                      | 150 ppm               |
| <b>USA OSHA</b>   | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 600 mg/m <sup>3</sup> |
| <b>USA OSHA</b>   | OSHA PEL (TWA) (ppm)                  | 100 ppm               |
| <b>USA NIOSH</b>  | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 600 mg/m <sup>3</sup> |
| <b>USA NIOSH</b>  | NIOSH REL (TWA) (ppm)                 | 100 ppm               |
| <b>USA NIOSH</b>  | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 900 mg/m <sup>3</sup> |
| <b>USA NIOSH</b>  | NIOSH REL (STEL) (ppm)                | 150 ppm               |
| <b>USA IDLH</b>   | US IDLH (ppm)                         | 600 ppm               |
| <b>Alberta</b>  | OEL STEL (mg/m <sup>3</sup> )         | 909 mg/m <sup>3</sup> |
| <b>Alberta</b>  | OEL STEL (ppm)                        | 150 ppm               |
| <b>Alberta</b>  | OEL TWA (mg/m <sup>3</sup> )          | 606 mg/m <sup>3</sup> |
| <b>Alberta</b>  | OEL TWA (ppm)                         | 100 ppm               |
| <b>British Columbia</b>   | OEL STEL (ppm)                        | 150 ppm               |
| <b>British Columbia</b>   | OEL TWA (ppm)                         | 100 ppm               |
| <b>Manitoba</b>   | OEL STEL (ppm)                        | 150 ppm               |
| <b>Manitoba</b>   | OEL TWA (ppm)                         | 100 ppm               |
| <b>New Brunswick</b>  | OEL STEL (mg/m <sup>3</sup> )         | 909 mg/m <sup>3</sup> |
| <b>New Brunswick</b>  | OEL STEL (ppm)                        | 150 ppm               |
| <b>New Brunswick</b>  | OEL TWA (mg/m <sup>3</sup> )          | 606 mg/m <sup>3</sup> |
| <b>New Brunswick</b>  | OEL TWA (ppm)                         | 100 ppm               |
| <b>Newfoundland &amp; Labrador</b>  | OEL STEL (ppm)                        | 150 ppm               |
| <b>Newfoundland &amp; Labrador</b>  | OEL TWA (ppm)                         | 100 ppm               |
| <b>Nova Scotia</b>  | OEL STEL (ppm)                        | 150 ppm               |
| <b>Nova Scotia</b>  | OEL TWA (ppm)                         | 100 ppm               |
| <b>Nunavut</b>  | OEL STEL (mg/m <sup>3</sup> )         | 909 mg/m <sup>3</sup> |
| <b>Nunavut</b>  | OEL STEL (ppm)                        | 150 ppm               |
| <b>Nunavut</b>  | OEL TWA (mg/m <sup>3</sup> )          | 606 mg/m <sup>3</sup> |
| <b>Nunavut</b>  | OEL TWA (ppm)                         | 100 ppm               |
| <b>Northwest Territories</b>  | OEL STEL (mg/m <sup>3</sup> )         | 909 mg/m <sup>3</sup> |
| <b>Northwest Territories</b>  | OEL STEL (ppm)                        | 150 ppm               |
| <b>Northwest Territories</b>  | OEL TWA (mg/m <sup>3</sup> )          | 606 mg/m <sup>3</sup> |
| <b>Northwest Territories</b>  | OEL TWA (ppm)                         | 100 ppm               |
| <b>Ontario</b>  | OEL STEL (ppm)                        | 150 ppm               |
| <b>Ontario</b>  | OEL TWA (ppm)                         | 100 ppm               |
| <b>Prince Edward Island</b>   | OEL STEL (ppm)                        | 150 ppm               |
| <b>Prince Edward Island</b>   | OEL TWA (ppm)                         | 100 ppm               |
| <b>Québec</b>   | VECD (mg/m <sup>3</sup> )             | 909 mg/m <sup>3</sup> |
| <b>Québec</b>   | VECD (ppm)                            | 150 ppm               |
| <b>Québec</b>   | VEMP (mg/m <sup>3</sup> )             | 606 mg/m <sup>3</sup> |
| <b>Québec</b>   | VEMP (ppm)                            | 100 ppm               |
| <b>Saskatchewan</b>   | OEL STEL (ppm)                        | 150 ppm               |
| <b>Saskatchewan</b>   | OEL TWA (ppm)                         | 100 ppm               |
| <b>Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)</b> |                                       |                       |
| <b>USA ACGIH</b>  | TLV                                   | Not applicable        |
| <b>USA OSHA</b>   | PEL                                   | Not applicable        |
| <b>USA NIOSH</b>  | REL                                   | Not applicable        |
| <b>USA NIOSH</b>  | IDLH                                  | Not applicable        |

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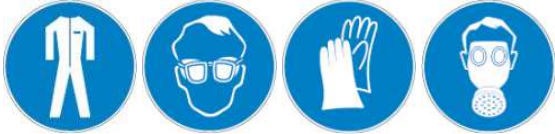
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### Exposure Controls

**Appropriate Engineering Controls:** Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in immediate vicinity of potential exposure.

**Personal Protective Equipment:** Protective clothing. Safety glasses. Gloves. 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 face shield.

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

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

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|   |   |
|---|---|
| Physical State                                    | : Liquid  |
| Appearance  | : Blue  |
| Odor  | : Pleasant  |
| Odor Threshold                                    | : Not available   |
| pH  | : 10.5  |
| Evaporation Rate                                  | : Not available   |
| Melting/Freezing Point                            | : Not available   |
| Boiling Point                                     | : 100 °C (212 °F)   |
| Flash Point                                       | : > 100 °C (212 °F)   |
| Auto-ignition Temperature                         | : Not available   |
| Decomposition Temperature                         | : Not available   |
| Flammability (solid, gas)                         | : Not available   |
| Upper and Lower Flammable Limits                  | : Not available   |
| Vapor Pressure                                    | : Not available   |
| Relative Vapor Density at 20 °C                   | : Not available   |
| Relative Density/Specific Gravity                 | : 1.02 (water = 1) at 20 °C (68 °F)                                     |
| Solubility  | : Soluble in water.   |
| Partition Coefficient: N-octanol/water            | : Not available   |
| Viscosity   | : Not available   |
| Explosion Data – Sensitivity to Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact. |
| Explosion Data – Sensitivity to Static Discharge  | : Not expected to present an explosion hazard due to static discharge.  |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** None known.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Contact with metallic substances.

**Incompatible Materials:** Strong acids. Strong oxidizers. Metals.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Chlorine gas. Sodium oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified (pH: 10.5)

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**Serious Eye Damage/Irritation:** Causes serious eye irritation. (pH: 10.5)

**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:** May cause irritation to the respiratory tract.

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

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

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

**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting.

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

#### LD50 and LC50 Data:

| Isopropyl alcohol (67-63-0)  |                                |
|--|--------------------------------|
| LD50 Oral Rat  | 4396 mg/kg                     |
| LD50 Dermal Rabbit   | 12800 mg/kg                    |
| LC50 Inhalation Rat  | 16000 ppm (Exposure time: 8 h) |
| Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7) |                                |
| LD50 Oral Rat  | > 2000 mg/kg                   |
| ATE US (oral)  | 500.00 mg/kg body weight       |
| Dipropylene glycol monomethyl ether (34590-94-8)                   |                                |
| LD50 Oral Rat  | 5230 mg/kg                     |
| LD50 Dermal Rabbit   | 9500 mg/kg                     |
| Isopropyl alcohol (67-63-0)  |                                |
| IARC Group   | 3                              |

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** No additional information available

| Isopropyl alcohol (67-63-0)                      |   |
|--|---|
| LC50 Fish 1                                      | 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1                                   | 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)                     |
| EC50 Other Aquatic Organisms 1                   | 1000 mg/l (Exposure time: 96 h - Species: Desmodesmus subspicatus)            |
| LC 50 Fish 2                                     | 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])      |
| EC50 Other Aquatic Organisms 2                   | 1000 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)            |
| Dipropylene glycol monomethyl ether (34590-94-8) |   |
| LC50 Fish 1                                      | > 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])    |
| EC50 Daphnia 1                                   | 1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)                      |

**Persistence and Degradability** Not available

#### Bioaccumulative Potential

| Isopropyl alcohol (67-63-0)                      |                   |
|--|-------------------|
| Log Pow  | 0.05 (at 25 °C)   |
| Dipropylene glycol monomethyl ether (34590-94-8) |                   |
| Log Pow  | -0.064 (at 20 °C) |

**Mobility in Soil** Not available

**Other Adverse Effects** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

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

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### SECTION 14: TRANSPORT INFORMATION

**In Accordance with DOT** Not regulated for transport

**In Accordance with IMDG** Not regulated for transport

**In Accordance with IATA** Not regulated for transport

**In Accordance with TDG** Not regulated for transport

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

|   |  |
|---|--|
| <b>Heavy Duty Bilge Cleaner</b>   |  |
| <b>SARA Section 311/312 Hazard Classes</b>  | Immediate (acute) health hazard  |
| <b>Isopropyl alcohol (67-63-0)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Listed on United States SARA Section 313 |  |
| <b>EPA TSCA Regulatory Flag</b>   | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |
| <b>SARA Section 313 - Emission Reporting</b>  | 1.0 % (only if manufactured by the strong acid process, no supplier notification)      |
| <b>Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>EPA TSCA Regulatory Flag</b>   | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |

#### US State Regulations

|   |
|---|
| <b>Isopropyl alcohol (67-63-0)</b>  |
| U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute<br>U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Chronic<br>U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)<br>U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)<br>U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)<br>U.S. - Connecticut - Volatile Substances<br>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations<br>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)<br>U.S. - Idaho - Occupational Exposure Limits - TWAs<br>RTK - U.S. - Massachusetts - Right To Know List<br>U.S. - Massachusetts - Toxics Use Reduction Act<br>U.S. - Michigan - Occupational Exposure Limits - STELS<br>U.S. - Michigan - Occupational Exposure Limits - TWAs<br>U.S. - Minnesota - Hazardous Substance List<br>U.S. - Minnesota - Permissible Exposure Limits - STELS<br>U.S. - Minnesota - Permissible Exposure Limits - TWAs<br>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour<br>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual<br>U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances<br>U.S. - New Jersey - Environmental Hazardous Substances List<br>RTK - U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - New Jersey - Special Health Hazards Substances List<br>U.S. - New York - Occupational Exposure Limits - TWAs<br>U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour<br>U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour<br>U.S. - Oregon - Permissible Exposure Limits - TWAs<br>RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List<br>RTK - U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour<br>U.S. - Tennessee - Occupational Exposure Limits - STELS |

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U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - City of Austin - Aerosol Paint and Glue Restrictions  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - STELs  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits - TWAs

### **Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)**

U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term

### **Dipropylene glycol monomethyl ether (34590-94-8)**

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Michigan - Occupational Exposure Limits - Skin Designations  
U.S. - Michigan - Occupational Exposure Limits - STELs  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - Skin Designations  
U.S. - Minnesota - Permissible Exposure Limits - STELs  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New York - Occupational Exposure Limits - Skin Designations  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Oregon - Permissible Exposure Limits - Skin Designations  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - Skin Designations  
U.S. - Tennessee - Occupational Exposure Limits - STELs  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - Skin Designations  
U.S. - Vermont - Permissible Exposure Limits - STELs  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - Skin Designations  
U.S. - Washington - Permissible Exposure Limits - STELs  
U.S. - Washington - Permissible Exposure Limits - TWAs

### **Canadian Regulations**

#### **Heavy Duty Bilge Cleaner**

WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects





# Heavy Duty Bilge Cleaner

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

|   |  |
|---|--|
| <b>Isopropyl alcohol (67-63-0)</b>  |  |
| Listed on the Canadian DSL (Domestic Substances List)                     |  |
| Listed on the Canadian IDL (Ingredient Disclosure List)                   |  |
| IDL Concentration 1 %   |  |
| WHMIS Classification  | Class B Division 2 - Flammable Liquid<br>Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| <b>Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)</b> |  |
| Listed on the Canadian DSL (Domestic Substances List)                     |  |
| WHMIS Classification  | Class D Division 2 Subdivision B - Toxic material causing other toxic effects  |
| <b>Dipropylene glycol monomethyl ether (34590-94-8)</b>                   |  |
| Listed on the Canadian DSL (Domestic Substances List)                     |  |
| Listed on the Canadian IDL (Ingredient Disclosure List)                   |  |
| IDL Concentration 1 %   |  |
| WHMIS Classification  | Class B Division 3 - Combustible Liquid  |

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** : 10/06/2014

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

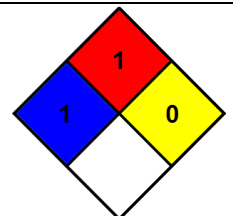
#### GHS Full Text Phrases:

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4                            |
| Asp. Tox. 1         | Aspiration hazard Category 1                                |
| Eye Dam. 1          | Serious eye damage/eye irritation Category 1                |
| Eye Irrit. 2A       | Serious eye damage/eye irritation Category 2A               |
| Flam. Liq. 2        | Flammable liquids Category 2                                |
| Flam. Liq. 4        | Flammable liquids Category 4                                |
| Skin Irrit. 2       | Skin corrosion/irritation Category 2                        |
| STOT SE 3           | Specific target organ toxicity (single exposure) Category 3 |
| H225                | Highly flammable liquid and vapor                           |
| H227                | Combustible liquid  |
| H302                | Harmful if swallowed  |
| H304                | May be fatal if swallowed and enters airways                |
| H315                | Causes skin irritation                                      |
| H318                | Causes serious eye damage                                   |
| H319                | Causes serious eye irritation                               |
| H336                | May cause drowsiness or dizziness                           |

**NFPA Health Hazard** : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

**NFPA Fire Hazard** : 1 - Must be preheated before ignition can occur.

**NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*