

Safety Data Sheet: BOOM HEAVY DUTY DEGREASER

**SECTION 1 - IDENTIFICATION**

**Product identifier/Trade name:** BOOM HEAVY DUTY DEGREASER

**Other means of identification:** DRTL

**Recommended use:** CLEANER, DEGREASER

**Restriction on use:** INDUSTRIAL AND INSTITUTIONAL USES

**Initial supplier identifier:** Chemotec (PM) Inc.  
8820 Place Ray-Lawson  
Anjou, Quebec, Canada H1J 1Z2  
Phone: (514) 729-6321; 1-800-729-6321

**Emergency phone number:** (613) 996-6666 (CANUTEC)

**SECTION 2 - HAZARDS IDENTIFICATION**

**2a WHMIS 2015 - GHS (Globally Harmonized System) classification:**

This product is regulated under the Food and Drug Regulations and is not regulated by WHMIS.

**2b Label elements:**

Pictogram: No pictogram

**PRECAUTIONIONARY STATEMENT:**

**CAUTION: Causes moderate eye irritation.** Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling.

**FIRST AID:**

**If in eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**In on skin:** Wash off with soap and water. Get medical attention if irritation persists.

**If inhaled:** Move to fresh air. Get medical attention if symptoms persist.

**If swallowed:** Rinse mouth. Do not induce vomiting. Call a Poison Control Centre or doctor immediately.

Have the product container or label with you when calling a poison control centre or doctor or going for treatment.

**NOTICE TO PHYSICIAN:** Potential mucosal damage may contraindicate use of gastric lavage.

**Warning statement:** See under precautionary statement.

**Hazard statement:** See under precautionary statement.

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

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
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Diethylene glycol mono butyl ether	112-34-5	5.0-10.0	Eye irritation, category 2
n-Alkyl dimethyl benzyl ammonium chloride	68424-85-1	0.1-1.0	Skin irritation, category 1B Oral toxicity, acute, category 4 Serious eye damage - category 1
n-Alkyl dimethyl ethylbenzyl ammonium chloride	68956-79-6	0.1-1.0	Skin irritation, category 2 Oral toxicity, acute, category 4 Serious eye damage - category 1

The actual concentrations are withheld as a trade secret.

**SECTION 4 - FIRST AID MEASURES**

**4a Description of first aid measures:**

**Eye contact:** Immediately flush eyes with plenty of water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, call a physician or poison control center.

**Skin contact:** Take off contaminated clothing. Wash with plenty of water for 15-20 minutes. If skin irritation occurs call a physician or poison control center. Wash contaminated clothing before reuse.

**Inhalation:** Bring the person to fresh air. Call a physician or poison control center if symptoms persist.

**Ingestion:** Rinse mouth. Do not induce vomiting. Call a physician or poison control center immediately.

Have the product container or label with you when seeking medical attention.

**4b Most important symptoms and effects:**

**Eye contact:** May cause irritation which may be serious if not rinsed promptly.

**Skin contact:** Short-term direct contact may cause irritation that may be serious if not rinsed promptly.

**Inhalation:** Prolonged inhalation may be harmful.

**Ingestion:** Expected to be a low ingestion hazard.

**4c Immediate medical attention and special treatment needed.**

No special treatment. See the doctor's notice in section 2.

**SECTION 5 - FIRE FIGHTING MEASURES**

**5a Extinguishing media:**

**Suitable extinguishing media:** Water (if possible, avoid powerful jets), foam, dry chemicals powder, carbon dioxide.

**Unsuitable extinguishing media:** None known

**5b Specific hazards for product:**

**Hazardous combustion products:** Oxides of carbon, nitrogen, and other irritating gases.

**5c Special protective equipment and precautions for firefighters**

**Special fire-fighting procedures/equipment:** A self-contained breathing apparatus and full protective clothing must be worn in case of fire.

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**Fire fighting equipment /instruction:** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards:** No unusual fire or explosion hazards noted.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

#### 6a Personal precautions, protective equipment, and emergency procedures:

**Personal protection:** Avoid contact with eyes and skin. Avoid breathing mist from the product. Do not ingest. Provide aeration and sufficient ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

#### 6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material and place in waste container for destruction. Resume cleaning by rinsing with water. Caution: floors will be very slippery.

#### 6c Environmental precautions:

Product is biodegradable. Do not let large quantities go to the sewers.

### SECTION 7 - HANDLING AND STORAGE

#### 7a Precautions for safe handling:

Avoid contact with eyes. See section 2 for details. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

#### 7b Condition for safe storage:

Store in a sealed container in a well-ventilated place. Do not store with food products. Keep from freezing.

#### 7c Special packaging materials:

None.

Keep away from peroxide and bleach. No incompatibility with most materials found in most workplaces.

### SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### 8a Control parameters:

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations
Diethylene Glycol mono butyl ether	10 ppm Inhalable fraction and vapor	None established	

#### 8b Engineering controls:

Not required.

#### 8c Individual protection measures:

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**Respiratory Protection:** Not required.

**Skin protection and other protective equipment:** Waterproof boots for large spills. Rubber gloves.

**Eye / face protection:** See section 2.

**General hygiene considerations:** KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance and odor:</b>	Yellow liquid with lemon scent.
<b>Odor threshold:</b>	N/Av
<b>pH:</b>	Approximately 11.7
<b>Melting point and freezing point:</b>	Approximately 0°C
<b>Boiling point:</b>	Approximately 100°C
<b>Flash point:</b>	≥201°F(≥93.9°C)
<b>Evaporation rate (n-BuAc =1):</b>	0.4 (water)
<b>Lower flammable limit (% by volume):</b>	N/Av
<b>Upper flammable limit (% by volume):</b>	N/Av.
<b>Explosion data - Sensitivity to mechanical impact:</b>	Not sensitive
<b>Explosion data - Sensitivity to static discharge:</b>	Not sensitive
<b>Vapour pressure (mm Hg)</b>	20 mm Hg (water)
<b>Vapour density:</b>	0.6 (water)
<b>Specific gravity or density (water = 1 at 4 °C):</b>	1.0 g/cm <sup>3</sup> @ 20°C
<b>Solubility in water:</b>	Miscible
<b>Partition coefficient – n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity:</b>	<100 cps @ 25°C

### SECTION 10 - STABILITY AND REACTIVITY

**10a Reactivity:**

Not applicable.

**10b Chemical stability:**

Stable at room temperature, in normal handling and storage conditions.

**10c Possibility of hazardous reactions:**

No dangerous reaction known under conditions of normal uses.

**10d Conditions to avoid:**

Avoid temperatures exceeding the flash point. Avoid contact with incompatible materials.

**10e Incompatible materials:**

Strong acids alkalis and strong oxidizing agents.

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**10f Hazardous decomposition products:**

Carbon dioxide, nitrogen and ammonia, carbon monoxide and other low molecular weight hydrocarbons.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Primary entry route(s):** Eye, skin, and ingestion.

**Eye contact:** May cause irritation which may be serious if not rinsed promptly.

**Skin contact:** Short-term direct contact may cause irritation that may be serious if not rinsed promptly.

**Inhalation:** Prolonged inhalation may be harmful.

**Ingestion:** Expected to be a low ingestion hazard.

**Carcinogenicity:** This product is not considered to be carcinogen by IARC, ACGIH, NTP, or OSHA.

**Teratogenicity, mutagenicity, other reproductive effects:** This product is not expected to cause reproductive or development effects.

**Germ cell mutagenicity:** No data available to indicate product or any components at greater than 1% are mutagenic or genotoxic

**Skin sensitization:** Not expected to cause skin sensitization.

**Respiratory tract sensitization:** Not available

**Synergistic materials:** Not available

**Other important hazards:** Not available

**Toxicological data:** Acute toxicity:

Product	Species	Tests Results
Dermal LD50	Rabbit	≥ 5000mg/kg
Inhalation LC50	Rat	≥ 2.43mg/l
Oral LD50	Rat	≥5000mg/kg

Our products are not tested on animals.

**SECTION 12 - ECOLOGICAL INFORMATION**

**12a Ecotoxicity:**

Not available

**12b Persistence and degradability:**

The product is biodegradable.

**12c Bioaccumulation potential:**

Not available

**Partition coefficient n-octanol/water (log Kow):** Diethylene glycol Mono butyl ether: 0.56.

**12d Mobility in soil:**

Not available.

**12e Other adverse effect:**

No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Avoid contamination of food. Rinse the emptied container thoroughly. Make the empty container unsuitable for further use. Dispose of the container in accordance with municipal, provincial, and territorial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

**SECTION 14 - TRANSPORTATION INFORMATION**

**Transportation of Dangerous Goods (TDG) in Canada:** Not regulated.

**UN number:** Not applicable

**Proper shipping name:** Not applicable

**Class:** Not applicable

**Identification number:** Not applicable

**Packing group:** Not applicable

**Special case:** Not applicable

**SECTION 15 - REGULATORY INFORMATION**

In Canada

**WHMIS information:** This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contains all the information required by the HPR.

**WHMIS Classification:** See section 2a

**CEPA information:** Ingredients are listed on the DSL inventory.

**SECTION 16 - OTHER INFORMATION**

**Date of latest revision:** 2022-08-15

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### References:

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

### Abbreviations:

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstract Service
<b>CEPA</b>	Canadian Environmental Protection Act
<b>cps</b>	Centipoises
<b>DSL</b>	Domestic Substance List
<b>HMIS</b>	Hazardous Material Information System
<b>IARC</b>	International Agency for Research on Cancer
<b>LC</b>	Lethal concentration
<b>LD</b>	Lethal Dosage
<b>N/Av</b>	Not available
<b>N/Ap</b>	Not Applicable
<b>NFPA</b>	National Fire Protection Association
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program (U.S.A.)
<b>OSHA</b>	Occupational Safety and Health Administration (U.S.A.)
<b>PEL</b>	Permissible Exposure Limit
<b>TLV</b>	Threshold Limit Value
<b>WHMIS</b>	Workplace Hazardous Materials Information System

**End of the SDS**