

# GREASE-LIGHTNING

## SECTION 1. IDENTIFICATION

**Product Identifier** GREASE-LIGHTNING  
**Recommended Use** DEGREASER.  
**Manufacturer/Supplier Identifier** BBSpro Services Inc., 204-11 Burbidge St  
, Coquitlam, BC, V3K 7B2, CANADA, BBSpro, (604) 420-4305  
**Emergency Phone No.** BBSpro, 1-877-420-4305  
CANUTEC, (613) 996-6666  
**SDS No.** 0356

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Acute toxicity (Oral) - Category 4; Skin irritation - Category 2; Eye irritation - Category 2A

### Label Elements



Signal Word:

Warning

Hazard Statement(s):

H302 Harmful if swallowed.

P270 Do not eat, drink or smoke when using this product.

H319 Causes serious eye irritation.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Dipropylene glycol monomethyl ether	34590-94-8	1-5		
2-Butoxyethanol	111-76-2	1-5		
Levulinic acid, ethyl ester	539-88-8	1-5		

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Avoid direct contact. Wear chemical protective clothing if necessary. Wash with plenty of water.

### Eye Contact

Quickly and gently blot or brush chemical off the face. Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

### First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

### Specific Hazards Arising from the Product

Does not burn.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

No special precautions are necessary.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Cover the spill surface with the appropriate type of foam to reduce the release of vapour.

## SECTION 7. HANDLING AND STORAGE

### Conditions for Safe Storage

Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Not available.

### Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate.

### Individual Protection Measures

#### Eye/Face Protection

Not required if product is used as directed.

#### Skin Protection

Not required, if used as directed.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear. Particle Size: Not available
Odour	Fragrant
Odour Threshold	Not available
pH	7.5

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<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	~ 100 °C (212 °F)
<b>Flash Point</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not applicable (liquid).
<b>Upper/Lower Flammability or Explosive Limit</b>	Not applicable (upper); Not applicable (lower)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (air = 1)</b>	Not applicable
<b>Relative Density (water = 1)</b>	~ 1.04
<b>Solubility</b>	Soluble in all proportions in water; Not available (in other liquids)
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available (kinematic); Not available (dynamic)
<b>Other Information</b>	
<b>Physical State</b>	Liquid
<b>Molecular Formula</b>	Not available
<b>Molecular Weight</b>	Not available
<b>Bulk Density</b>	Not available
<b>Surface Tension</b>	Not available
<b>Critical Temperature</b>	Not available
<b>Electrical Conductivity</b>	Not available
<b>Vapour Pressure at 50 deg C</b>	Not available
<b>Saturated Vapour Concentration</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

### Conditions to Avoid

Contamination.

### Incompatible Materials

Not corrosive to metals.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
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Dipropylene glycol monomethyl ether	Not available	5120 mg/kg (rat)	9480 mg/kg (rabbit)
2-Butoxyethanol	486 ppm (male rat) (4-hour exposure)	530 mg/kg (rabbit)	207 mg/kg (guinea pig)

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**Skin Corrosion/Irritation**

Not a skin irritant.

**Serious Eye Damage/Irritation**

There is limited evidence of very mild irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

May be harmful based on information for closely related materials.

**Skin Absorption**

No information was located.

**Ingestion**

May be harmful based on information for closely related materials.

**Respiratory and/or Skin Sensitization**

No information was located for respiratory sensitization.

**Carcinogenicity**

Not known to cause cancer.

**Reproductive Toxicity**

**Development of Offspring**

Conclusions cannot be drawn from the limited studies available.

**Sexual Function and Fertility**

Conclusions cannot be drawn from the limited studies available.

**Effects on or via Lactation**

Conclusions cannot be drawn from the limited studies available.

**Germ Cell Mutagenicity**

Conclusions cannot be drawn from the limited studies available.

**Interactive Effects**

No information was located.

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental information was not located.

**Ecotoxicity**

Studies were not located.

**Persistence and Degradability**

No ingredient of this product or its degradation products is known to be highly persistent.

**Bioaccumulative Potential**

This product and its degradation products are not known to bioaccumulate.

**Mobility in Soil**

No information was located.

**SECTION 13. DISPOSAL CONSIDERATIONS**

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## Disposal Methods

Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants).

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

None known.

## SECTION 16. OTHER INFORMATION

<b>SDS Prepared By</b>	BBSpro
<b>Phone No.</b>	18774204305
<b>Date of Preparation</b>	July 14, 2021
<b>Date of Last Revision</b>	December 23, 2021
<b>References</b>	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

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