

**SECTION 1 - PRODUCT AND COMPANY INFORMATION**

Product Name: : P.O.G.  
 Product Use: : Degreaser. Solvent.  
 Supplier Name and Address: : Corporate Facility Supply  
 7 Neilson Street  
 St. Catharines, ON L2M 5V9  
  
 Telephone: : (905) 682-8888  
 Emergency Telephone: : CANUTEC (613) 996-6666

**SECTION 2 - HAZARD IDENTIFICATION**

**EMERGENCY OVERVIEW**

**Physical State:** : Liquid  
**GHS Classification:**  
 Eye Irritation: : Category 2A  
 Respiratory Sensitization: : Category 2  
 Flammable Liquid : Category 3  
**GHS Label Elements:**  
 Hazard Pictograms



Signal Word: Warning  
 Hazard Statements: H227 Combustible liquid.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.  
  
 Precautionary Statements: **Prevention**  
 P210 Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.  
**Response**  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  
**Potential Health Effects:**  
 Inhalation : If misted, causes irritation of mucous membranes and coughing.  
 Skin : May cause skin irritation. Repeat untreated exposure may result in de-fatting, chapping, and dermatitis.

Eyes	: Irritating and may cause corneal injury.
Ingestion	: Accidental ingestion may cause burning pain in mouth, esophagus, and stomach.
Aggravated Medical Condition	: None known
Symptoms of Overexposure	: On chronic skin exposure, 2-butoxyethanol may be absorbed causing blood changes as listed for pure chemical. Effect is expected to be reduced due to dilution of the product and limited exposure.

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

**HAZARDOUS INGREDIENTS**

Chemical Name	CAS-No.	Concentration [%]
Light aromatic solvent naphtha	64742-95-6	20-50
Benzyl Alcohol	100-51-6	20-40
2-Butoxyethanol	111-76-2	20-40
Trichloroethylene	79-01-6	10-30

**SECTION 4 - FIRST-AID MEASURES**

<b>General Advice</b>	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
<b>Inhalation</b>	: In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest. If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor. Consult a physician in case of disorder.
<b>Skin Contact</b>	: Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognized cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital. Not to use solvents or thinners. Consult a doctor in the event of irritation.
<b>Eye Contact</b>	: Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any pain, redness or visual impairment, consult an ophthalmologist.
<b>Ingestion</b>	: Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

**SECTION 5 - FIRE-FIGHTING MEASURES**

**Suitable extinguishing media** : Alcohol foam, carbon dioxide, dry chemical  
**Specific hazards arising from the chemical** : Combustible liquid. Can ignite if heated. Releases vapor that can form explosive mixture with air at or above the flash point.  
**Special protective actions for fire-fighters** : Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.  
**Additional advice** : In the event of a fire, do not use : water jet.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Personal precautions** : Consult the safety measures listed under headings 7 and 8. For non first aid worker  
 Avoid any contact with the skin and eyes.  
 For first aid worker  
 First aid workers will be equipped with suitable personal protective equipment (See section 8).  
**Environmental precautions** : Prevent any material from entering drains or waterways. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory Procedures Use drums to dispose of collected waste in compliance with current regulations (see section 13).  
**Methods and materials for containment/ cleaning up**  
**Additional advice** : Clean preferably with water, do not use solvents.  
 : None

**SECTION 7 - HANDLING AND STORAGE**

**Precautions for safe handling** : Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Avoid ingestion and inhalation.  
**Conditions for safe storage** : Keep out of reach of children.  
**Other data** : Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from flammable liquids.

**SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Control parameters**

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
2-Butoxyethanol	20 ppm		25ppm			

Avoid contact with eyes.  
 Avoid skin contact.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** : Clear Amber  
**Odor:** : Sweet

Odor Threshold:	: Not available
pH:	: 7-10
Melting point/ freezing point:	: Not available
Initial boiling point and boiling range:	: Not availabl
Flash point:	: 40°C
Evaporation rate:	: Not available
Flammability (solid, gas):	: Not available
Upper/lower flammability or explosive limits:	: UEI=7%, LEL=1%
Vapour pressure:	: Not available
Vapour density:	: Not available
Relative density (g/mL):	: 1.00-1.02
Water solubility:	: Not available
Solubility in other solvents:	: Not available
Partition coefficient: n-octanol/water:	: Not available
Auto-ignition temperature:	: Not available
Decomposition temperature:	: Not available
Viscosity:	: As water

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Conditions to avoid</b>	: Avoid open flames, welding arcs, furnace heat exchangers or other high temperature sources which induces corrosive, poisonous thermal decomposition products. Hazardous polymerization will not occur.
<b>Incompatible materials</b>	: Water - slow hydrolysis produces corrosive acid. Avoid contact with aluminum and its alloys. Avoid strong alkali such as sodium hydroxide & oxidizing agents.
<b>Hazardous decomposition products</b>	: Hydrogen chloride and very small amounts of phosgene and chlorine.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Light aromatic solvent naphtha	> 3670 ppm (rat) (4-hour exposure)	5000 mg/kg (rat)	> 4 mg/kg (rat)
Trichloroethylene	12000 mg/L (rat) (4-hour exposure)	4920 mg/kg (rat)	> 20 mg/kg (rabbit)
Benzyl alcohol	1000 ppm (rat)	1230-3100 mg/kg (rat)	2000 mg/kg (rabbit)
2-Butoxyethanol	550 ppm (rat) (4-hour exposure)	745 mg/kg (rat)	1250 mg/kg (rat)

**Skin Corrosion/Irritation**

May cause skin irritation, defatting, chapping, dermatitis. Can be absorbed through intact skin causing convulsions, central nervous system depression and cardiac arrhythmia, visual disturbances and systemic poisoning.

**Serious Eye Damage/Irritation**

May cause severe irritation, corneal burns and conjunctivitis, possible corneal damage. Vapours may irritate eyes.

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

**Inhalation**

May trigger allergic reaction in some individuals including asthmatics. Use caution with respect to other people in the vicinity when using this product. Vapours are irritating to the eyes, nose, throat and respiratory

tract. CNS depressant. May cause convulsions, dizziness, nausea, cardiac arrhythmia, visual disturbances and systemic poisoning.

**Ingestion**

May cause irritation and burning of the mouth and throat, respiratory tract and esophagus. Can cause convulsions, central nervous system depression (headache, dizziness, drowsiness, nausea, vomiting, abdominal pain and incoordination), cardiac arrhythmia, visual disturbances and systemic poisoning.

**STOT (Specific Target Organ Toxicity)** - Repeated Exposure Not determined.

**Respiratory and/or Skin Sensitization**

Anesthetic or narcotic effect may occur. Administer oxygen if available. Bronchodilators, expectorants, and antitussives may help.

**Carcinogenicity:** Not determined.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Product Information:**

**Ecotoxicity**

Carcinogenicity: None.  
Teratogenicity: Not determined.  
Reproductive toxicity: Not determined.  
Mutagenicity: Not determined.  
Synergistic products: Not determined.

**Acute Aquatic Toxicity**

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Trichloroethylene	60.00 mg/L (Oncorhynchus mykiss (rainbow trout); 48- hour)			
2-Butoxyethanol	1474 mg/L (96-hour)			911 mg/L (Pseudokirchneriella 04 Subcapitata (algae); 72-hour)

**Chronic Aquatic Toxicity**

Chemical Name	NOEC Fish	EC50 Fish	NOEC Crustacea	EC50 Crustacea
2-Butoxyethanol		1800 mg/L (Daphnia magna (water flea))		

**Persistence and Degradability:** Not determined.

**Bioaccumulative Potential:** Not determined.

**Mobility in Soil:** Not determined.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Product**

: Do not pour into drains or waterways.  
Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Soiled packaging:

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.  
: Empty container completely. Keep label(s) on container.  
Give to a certified disposal contractor.

**SECTION 14 - TRANSPORT INFORMATION**

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG		not regulated		
IATA (Air)		not regulated		
US DOT		not regulated		

**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**

**Canada**

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

WHMIS classification..... this is a controlled product.

CPR compliance..... this product has been classified in accordance with the hazard. Criteria of the CPR and the MSDS contain all the information.

Required by the CPR.

**CEPA - National Pollutant Release Inventory (NPRI)**

WHMIS Classification: Not regulated.

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

**SECTION 16 - OTHER INFORMATION**

**Prepared by:** Technical Services  
**Telephone number:** (905) 682-8888

**Preparation date:** August 2017

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)