

# Safety Data Sheet

## P.O.G

### SECTION 1. IDENTIFICATION

**Product Identifier** P.O.G  
**Other Means of Identification** 700-P  
**Other Identification** Bulk  
**Recommended Use** Degreasing. Solvent for stain paint, maintenance on tapie and trim.  
**Manufacturer/Supplier Identifier** Solutions Plus Outlet INC, 17705 LESLIE ST UNIT:14, NEWMARKET , ONTARIO, L3Y 3E3  
**Emergency Phone No.** Solutions Plus Outlet INC , (905)-715-7830  
**SDS No.** 0655

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Flammable liquid - Category 3; Skin irritation - Category 2; Eye irritation - Category 2A; Aspiration hazard - Category 2

#### Label Elements



Signal Word:

Warning

Hazard Statement(s):

H227 Combustible liquid.  
H305 May be harmful if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
P210 Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves.  
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.  
P312 Call a POISON CENTRE or doctor if you feel unwell.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Light aromatic solvent naphtha	64742-95-6	20-50	
Benzyl alcohol	100-51-6	20-40	
2-Butoxyethanol	111-76-2	20-40	

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Trichloroethylene	79-01-6	10-30	
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## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

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.

#### Skin Contact

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised 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.

#### Eye Contact

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.

#### Ingestion

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

### Extinguishing Media

#### Unsuitable Extinguishing Media

In the event of a fire, do not use : water jet.

### Specific Hazards Arising from the Product

Combustible liquid. Can ignite if heated. Releases vapour that can form explosive mixture with air at or above the flash point.

### Special Protective Equipment and Precautions 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.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

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 and Cleaning Up

Clean preferably with water, do not use solvents.

## SECTION 7. HANDLING AND STORAGE

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### 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.

### Storage:

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		25 ppm			

Avoid contact with eyes.

Avoid skin contact.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear amber.
Odour	Sweet
pH	7 - 10
Initial Boiling Point/Range	Not applicable
Flash Point	40 °C (104 °F)
Evaporation Rate	Not applicable
Upper/Lower Flammability or Explosive Limit	7.0% (upper); 1.0% (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	1.00 - 1.02
<b>Other Information</b>	
Physical State	Liquid

## SECTION 10. STABILITY AND REACTIVITY

### Conditions to Avoid

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.

### Incompatible Materials

Water - slow hydrolysis produces corrosive acid. Avoid contact with aluminum and its alloys. Avoid strong alkali such as sodium hydroxide & oxidizing agents.

### Hazardous Decomposition Products

Hydrogen chloride and very small amounts of phosgene and chlorine.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

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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

#### 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 subcapitata (algae); 72-hour)

#### Chronic Aquatic Toxicity

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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**

**Disposal Methods**

Waste treatment methods:

Do not pour into drains or waterways.

Waste:

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.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

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: B3, D1B

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**

Product Identifier: P.O.G

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**SDS Prepared By** technical service  
**Date of Preparation** October 11, 2017  
**Date of Last Revision** October 11, 2017  
**Key to Abbreviations** OSHA = US Occupational Safety and Health Administration  
NTP = National Toxicology Program  
NIOSH = National Institute for Occupational Safety and Health

**References** Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA (“BIOVIA”). Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

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