

## Sollvall

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Sollvall
<b>Other Means of Identification</b>	100- 1910340
<b>Other Identification</b>	Aerosol
<b>Recommended Use</b>	Lubricant, penetrates rust, displaces moisture, protects against rust.
<b>Manufacturer</b>	Orapi Canada Ltée, 7521 Henri Bourassa est, Montreal, Quebec, H1E 1N9, 514 735 3272, info@orapi-canada.com
<b>Emergency Phone No.</b>	Canutech, 1-613-996-6666 USA infotrack (contrat 75894), 1-800-535-5053 International Infotrack (contrat 75894), 352-323-3500
<b>SDS No.</b>	021

### SECTION 2. HAZARD IDENTIFICATION

#### Classification

Flammable aerosol - Category 1; Gas under pressure - Compressed gas; Skin irritation - Category 2; Eye irritation - Category 2B

#### Label Elements



Signal Word:

Danger

Hazard Statement(s):

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated.
H280	Contains gas under pressure; may explode if heated.
H315	Causes skin irritation.
H320	Causes eye irritation.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves, eye protection.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304 + P341	IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
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.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Mineral oil	64742-52-5	50-70	
2-Butoxyethanol	111-76-2	1-10	
carbon dioxide	124-38-9	1-10	

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

#### 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

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

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

Do not use water jet.

### Specific Hazards Arising from the Product

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)
- various hydrocarbons
- aldehydes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

For non first aid worker:

Avoid inhaling the vapours.

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

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

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

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Use drums to dispose of collected waste in compliance with current regulations (see section 13).

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Always wash hands after handling.  
Avoid contact with skin, eyes and clothings.  
Do not breathe vapours, fumes and fog.  
Keep packages tightly closed and away from sources of heat, sparks and naked flames.  
Do not use tools which may produce sparks. Do not smoke.  
No smoking, eating or drinking in areas where the mixture is used.  
Never open the packages under pressure.

### Conditions for Safe Storage

Keep out of reach of children.  
Keep away from all sources of ignition - do not smoke.  
Keep well away from all sources of ignition, heat and direct sunlight.  
Packaging  
Always keep in packaging made of an identical material to the original.

## 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.
- Avoid breathing vapours.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Light white.
Odour	Aromatic
pH	Not applicable
Initial Boiling Point/Range	160 °C (320 °F)
Flash Point	50 °C (122 °F) (closed cup)
Upper/Lower Flammability or Explosive Limit	6.0% (upper); 1.1% (lower)
Vapour Pressure	241 kPa
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	0.88 - 0.90
Solubility	Insoluble in water
Other Information	
Physical State	Liquid
Bulk Density	Not applicable

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

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Reactivity and under what conditions: Hazardous polymerisation will not occur.

#### Chemical Stability

Chemically stable. Avoid heat and open flame. Incompatible with strong alkalis, strong mineral acids, strong oxidizers.

#### Possibility of Hazardous Reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

#### Conditions to Avoid

High temperatures. Open flames, sparks, static discharge, heat and other ignition sources. Hot surfaces.

#### Hazardous Decomposition Products

Hazardous decomposition products : Carbon oxides, various hydrocarbons, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), various hydrocarbons, aldehyde.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Mineral oil		5000 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

Liquid is slightly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin, possibly causing dermatitis.

### Serious Eye Damage/Irritation

Mildly irritating. High vapour concentrations may cause irritation.

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

#### Inhalation

Vapours may be irritating to nose throat and respiratory tract. High vapour concentrations may cause depression.

#### Ingestion

Moderately toxic. Ingestion of product may result in vomiting. Aspiration of vomitus into lungs must be avoided as this may result in pneumonitis.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
2-Butoxyethanol	1474 mg/L (96-hour)			911 mg/L (Pseudokirchneriella 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 available.

### Bioaccumulative Potential

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Not available.

#### **Mobility in Soil**

Not available.

### **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	1950	Aerosol class 2.1		S/O
IATA (Air)	1950	Aerosol class 2.1		S/O
US DOT	1950	Aerosol class 2.1		S/O

**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: A, B5, D2B

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**

**SDS Prepared By** technical service

**Date of Preparation** November 24, 2017

**Date of Last Revision** November 24, 2017

**Revision Indicators** The following SDS content was changed on January 01, 0001:  
SECTION 12. ECOLOGICAL INFORMATION; Acute Aquatic Toxicity.

**Key to Abbreviations** OSHA = US Occupational Safety and Health Administration

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NTP = National Toxicology Program

NIOSH = National Institute for Occupational Safety and Health

## References

CHEMINFO database. 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). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

## Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is

not to be considered a warranty or quality specification. The information relates only to the specific

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