

Victaulic® Lubricant SDS

(Safety Data Sheet)

1.0 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade name : Victaulic Lubricant

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Industrial/Professional use spec. : Pipe joint lubricant – for professional use only.

Use of the substance/mixture : Non-hazardous substance, non-dangerous goods.

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Supplier

Victaulic Australia Pty Ltd
112 Harvey Street South
Eagle Farm, QLD, 4009
Australia
Telephone Number: 1300 742 842
web: www.victaulic.com

Manufacturer

JTM Products, Inc.
31025 Carter Street
Solon, OH 44139
United States
Telephone Number: 001-1-440-287-2302

1.4 Emergency telephone number

For Chemical Emergency: spill, leak, fire, exposure, or accident CHEMTREC® 24-hour service:

International: 00-1-703-741-5970 (collect calls accepted)

2.0 HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

2.1.1 Classification (GHS)

This material is not classified as hazardous in accordance with Safe Work Australia.

2.1.2 Adverse physicochemical, human health and environmental effects

No additional information available

2.1.3 Additional information

Not Applicable.

2.2 Label Elements

Classification according to GHS.

2.3 Other Hazards

Not Applicable.

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixture

Name	Product Identifier	%	Classification (GHS)
Fatty acids, tall-oil, potassium salts	(CAS No) 61790-44-1	77.3	Not classified
1,2-Propylene glycol	(CAS No) 57-55-6	14.6	Not classified
Mica	(CAS No) 12001-26-2	8	Not classified

4.0 DESCRIPTION OF FIRST AID MEASURES

4.1 Description of first aid measures

- General : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- After inhalation : Not expected to present a significant inhalation hazard.
- After skin contact : Remove contaminated clothing. Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.
- After eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- After ingestion : Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- General : Not expected to present a significant health hazard under normal conditions of use.
- After inhalation : Not expected to present a significant inhalation hazard.
- After skin contact : May cause irritation due to prolonged/repeated periods of use.
- After eye contact : May cause eye irritation.
- After ingestion : May cause gastrointestinal irritation.

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell, get medical advice and attention.

5.0 FIREFIGHTING MEASURES

5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2 Special hazards arising from the substance or mixture

- Fire hazard : Not considered flammable but may burn at high temperatures.
- Explosion hazard : Product is not explosive.
- Reactivity : Hazardous reactions will not occur.

5.3 Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire.
- Firefighting instructions : Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

6.0 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- General measures : Avoid all contact with eyes, skin, or clothing.

6.1.1 For non-emergency personnel

- Protective equipment : Use appropriate personal protection equipment (PPE).
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2 For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters.

6.3 Methods and material for containment and cleaning up

- For containment : Absorb and/or contain spill with inert material, then place in suitable container.
- Methods for cleaning up : Clear up spills immediately and dispose of waste safely.

6.4 Reference to other sections

See Section 8, exposure controls and personal protection.

7.0 HANDLING AND STORAGE

7.1 Precautions for safe handling

- Precautions for safe handling : Avoid all contact with eyes, skin, or clothing.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.
- Storage conditions : Store in a dry, cool and well-ventilated place.
- Incompatible products : Strong acids. Strong bases. Strong oxidizers.

7.3 Specific end use(s)

Pipe joint lubricant. For professional use only.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Fatty acids, tall-oil, potassium salts (CAS 61790-44-1)		
	Limit value – Eight hours	Limit value – Short term
	None established	None established
Mica (CAS 12001-26-2)		
	Limit value – Eight hours	Limit value – Short term
	2.5 mg/m ³ (inspirable)	None established
1,2-Propylene glycol (CAS 57-55-6)		
	Limit value – Eight hours	Limit value – Short term
	None established	None established

Source: Hazardous Chemical Information System (HCIS) Limit Values: <http://hcis.safeworkaustralia.gov.au>

8.2 Exposure controls

- Appropriate engineering controls : Not expected to exceed permissible exposure level under intended use. Emergency eye wash fountains and safety showers should be available in the immediate vicinity. Ensure all national/local regulations are observed.
- Personal protective equipment : See below.
- Materials for protective clothing : Chemically-resistant materials and fabrics.
- Hand protection : Protective gloves. 
- Eye protection : Safety glasses. 
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Under normal use it is not expected that exposure limits will be exceeded.
- Other information : When using, do not eat, drink or smoke.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Amber viscous paste
Odor	: Mild
Odor threshold	: No data available
pH	: 11
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: < 0°C (32°F)
Freezing point	: No data available
Boiling point	: > 104°C (220°F)
Flash Point	: > 104°C (220°F)
Auto-ignition temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1.08 (water = 1)
Density	: 1.07 kg/L(9.01 lbs/gal) at room temperature
Solubility	: Soluble in water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available

9.1 Information on basic physical and chemical properties

Oxidizing properties	: No data available
Explosive limits	: Not applicable

9.2 Other information

VOC content	: 146 g/L
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10.0 STABILITY AND REACTIVITY

10.1 Reactivity

Hazardous reactions will not occur.

10.2 Chemical stability

Stable at standard temperature and pressure.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur.

10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5 Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6 Hazardous decomposition products

Carbon oxides (CO, CO₂). Silicon oxides.

11.0 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity : No data is available on the mixture. Acute toxicity data via the oral route is available for 1,2-propylene glycol. Not acutely toxic.

1,2-Propylene glycol (57-55-6)	
LD50 oral rat	22000 mg/kg
LD50 dermal rabbit	>2000 mg/kg

Skin corrosion/irritation : Not classified (pH: 11).
 Serious eye damage/irritation : Not classified (pH: 11).
 Respiratory or skin sensitisation : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified
 Reproductive toxicity : Not classified
 Specific target organ toxicity (single exposure) : Not classified
 Specific target organ toxicity (repeated exposure) : Not classified
 Aspiration hazard : Not classified
 Potential Adverse human health effects and symptoms : Not expected to present a significant hazard under normal conditions of use.
 Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard.
 Symptoms/injuries after skin contact : May cause skin irritation through repeated/prolonged periods of use.
 Symptoms/injuries after eye contact : May cause eye irritation.
 Symptoms/injuries after injection : May cause gastrointestinal irritation.

12.0 ECOLOGICAL INFORMATION

12.1 Toxicity

No data are available on the mixture. Aquatic toxicity data are available for 1,2-propylene glycol. The substance is not classified for aquatic toxicity.

1,2-Propylene glycol (57-55-6)	
LC50 fish 1	51600 mg/l (Exposure time: 96 h – Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	10000 mg/l (Exposure time: 96 h – Species: Daphnia magna)
EC50 Aquatic algae	19000 mg/l (Exposure time: 96 h – Species: Pseudokirchneriella subcapitata)
LC50 fish 2	44 (41 – 47) ml/l (Exposure time: 96 h – Species: Oncorhynchus mykiss [static])
EC50 Daphnia 2	1000 mg/l (Exposure time: 48 h – Species: Daphnia magna [Static])

12.2 Persistence and degradability

Persistence and degradability	Not established.
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12.3 Bioaccumulative potential

No data is available on this mixture. A BCF value has been estimated by calculation based on the phys-chem properties of the substance 1,2-propylene glycol.

Bioaccumulative potential	Not established.
1,2-Propylene glycol (57-55-6)	
BCF calculated value	< 1

12.0 ECOLOGICAL INFORMATION (Continued)

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6 Other adverse effects

Other information : Avoid release to the environment.

13.0 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal recommendations : Dispose of waste material in accordance with all local, regional, national, and international regulations.

14.0 TRANSPORT INFORMATION

In accordance with ADGC / NZS 5433 / IMDG / ICAO / IATA

14.1 UN number

Not classified as dangerous goods.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not classified as dangerous goods.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

No additional information available.

14.6 Special precautions for user

14.6.1 Overland transport

Not classified as dangerous goods.

14.6.2 Transport by sea

Not classified as dangerous goods.

14.6.3 Air transport

Not classified as dangerous goods.

15.0 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional information available.

15.1.1 National Regulations

No additional information available.

16.0 OTHER INFORMATION

16.1 Indication of changes

Updated 06/2018

16.2 Abbreviations and acronyms

ADGC	: The Australian Code for the Transport of Dangerous Goods by Road and Rail
BCF	: Bioconcentration Factor
EC50	: Effective concentration which causes 50% of the maximum response
GHS	: The Globally Harmonized System of Classification and Labeling of Chemicals
IATA	: International Air Transport Association
ICAO	: International Civil Aviation Organization
IMDG	: International Maritime Dangerous Goods Code
LC50	: Lethal concentration which causes death of 50% of a group of test animals
PBT	: Persistent, bioaccumulative, toxic
PPM	: Parts per million
vPvB	: Very persistent, very bioaccumulative
VOC	: Volatile organic compound

16.3 Data Sources

Hazardous Chemical Information System (HCIS) Limit Values: <http://hcis.safeworkaustralia.gov.au>

New Zealand Environmental Protection Authority – Hazardous Substances (Safety Data Sheets) Notice 2017

NZS 5433-1:2012 "Transport of Dangerous Goods on Land, Part 1: Technical Information"

Safe Work Australia – Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice

16.4 Training advice

Always refer to the installation instructions supplied with the product for complete application information and requirements. These documents can be downloaded at www.victaulic.com.

Note: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

User Responsibility for Product Selection and Suitability

Each user bears final responsibility for making a determination as to the suitability of Victaulic products for a particular end-use application, in accordance with industry standards and project specifications, as well as Victaulic performance, maintenance, safety, and warning instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company's standard conditions of sale, installation guide, or this disclaimer.

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Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

Installation

Reference should always be made to the Victaulic installation handbook or installation instructions of the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

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