



SAFETY DATA SHEET

Section 1: Identification

Product identifier TRIM® OM222

Other means of identification None

Recommended use of the chemical and restrictions on use

Recommended use Metal working fluids

Restrictions on use Applicable for industrial settings only. No other uses are advised.

Details of manufacturer or importer

Supplier

Company name Industrial Lubricants & Services Ltd

Address
15 Accent Drive
East Tamaki 2013
Auckland
New Zealand

Telephone 64 9 2740159

Manufacturer Master Fluid Solutions (India) Pvt. Ltd.

Address
B-41, Chakan Industrial Area Phase - 2
Pune - 410501 Maharashtra
India

e-mail in-sales@masterfluidsolutions.com

Emergency telephone number 0800 10 40 17 (NZ use only)

NEW ZEALAND NATIONAL POISONS CENTRE 0800 764 766

Section 2: Hazard identification

Classification of the hazardous chemical

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

Label elements, including precautionary statements

Hazard symbol(s) None.

Signal word None.

Hazard statement(s) The mixture does not meet the criteria for classification.

Precautionary statement(s)

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification None.

Supplemental information None.

Section 3: Composition/information on ingredients

Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Severely Hydrotreated Petroleum Oil	64742-53-6	10 - < 20
Polysulfide	68425-15-0	1 - < 3
Other components below reportable levels		80 - < 90

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4: First-aid measures

Description of necessary first aid measures

Inhalation	Move to fresh air.
Skin contact	Wash affected area with mild soap and water.
Eye contact	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.
Ingestion	In the unlikely event of swallowing contact a physician or poison control centre.

Personal protection for first-aid responders Get medical attention, if needed.

Symptoms caused by exposure None known.

Medical attention and special treatment Provide general supportive measures and treat symptomatically.

Section 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Dry chemical, CO ₂ , water spray or alcohol resistant foam. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical No unusual fire or explosion hazards noted.

Special protective equipment and precautions for fire fighters Wear suitable protective equipment. Use standard firefighting procedures and consider the hazards of other involved materials.

Fire fighting equipment/instructions Containers should be cooled with water to prevent vapour pressure build up.

Hazards from combustion products None under normal conditions. Combustion products may contain oxides of: Carbon (CO_x)

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Not available.
For emergency responders	Use personal protective equipment as required.

Environmental precautions Prevent entry into waterways, sewer, basements or confined areas.

Methods and materials for containment and cleaning up Soak up with inert absorbent material. Clean up in accordance with all applicable regulations.

Section 7: Handling and storage

Precautions for safe handling Do not taste or swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities Store in a closed container. The product is stable and non-reactive under normal conditions of use, storage and transport. Store in a dry place.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

New Zealand. OELs (Workplace Exposure Standards and Biological Exposure Indices)

Components	Type	Value	Form
Severely Hydrotreated Petroleum Oil (CAS 64742-53-6)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.
White mineral oil (petroleum) (CAS 8042-47-5)	STEL	10 mg/m ³	Mist.
	TWA	5 mg/m ³	Mist.

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value	Form
Severely Hydrotreated Petroleum Oil (CAS 64742-53-6)	TWA	5 mg/m3	Inhalable fraction.
White mineral oil (petroleum) (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value
White mineral oil (petroleum) (CAS 8042-47-5)	TWA	5 mg/m3

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value	Form
Severely Hydrotreated Petroleum Oil (CAS 64742-53-6)	TWA	5 mg/m3	Mist.
White mineral oil (petroleum) (CAS 8042-47-5)	TWA	5 mg/m3	Mist.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Eye wash fountain and emergency showers are recommended.

Individual protection measures, for example personal protective equipment (PPE)**Eye/face protection**

Safety glasses.

Skin protection**Hand protection**

Wear appropriate chemical resistant gloves.

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9: Physical and chemical properties**Appearance****Physical state**

Liquid.

Form

Liquid.

Colour

Light yellow to amber

Odour

Mild

Odour threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

>194.0 °C (>381.2 °F)

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits**Explosive limit - lower (%)**

Not available.

Explosive limit – upper (%)

Not available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

1 g/cm³

Relative density temperature

25 °C (77 °F)

Solubility(ies)	
Solubility (water)	Insoluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Kinematic viscosity	22.5 mm ² /s
Kinematic viscosity temp	40 °C (104 °F)

Other physical and chemical parameters

Flash point class	ASTM D92-90
Specific gravity	0.84 - 0.9

Section 10: Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Conditions to avoid	None known.
Incompatible materials	Powerful oxidizers. Strong acids.
Hazardous decomposition products	To avoid thermal decomposition, do not overheat.

Section 11: Toxicological information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	Not classified.
Eye contact	Not classified.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics	None known.
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Information on toxicological effects

Acute toxicity	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Respiratory irritation	Not available.
Respiratory or skin sensitisation	
Respiratory sensitisation	Not classified.
Skin sensitisation	This product is not expected to cause skin sensitisation.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Narcotic effects	Not available.
Chronic effects	None known.

Section 12: Ecological information

Ecotoxicity	Not available.
Persistence and degradability	No data is available on the degradability of this product.

Bioaccumulative potential	No data available.
Mobility in soil	No data available for this product.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13: Disposal considerations

Disposal methods	Dispose of contents/container in accordance with local/regional/national/international regulations.
Residual waste	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Follow precautions for safe handling described in this safety data sheet.
Special precautions to be taken during disposal	Dispose in accordance with all applicable regulations.
Method of disposal that should not be used	None known.

Section 14: Transport information

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

Section 15: Regulatory information

Applicable regulations

New Zealand Inventory of Chemicals (NZIoC): Registration status

Polysulfide (CAS 68425-15-0)	Does not have individual approval but may be used under an appropriate group standard
Severely Hydrotreated Petroleum Oil (CAS 64742-53-6)	Does not have individual approval but may be used under an appropriate group standard

Section 16: Other information

Issue date 15-August-2025

Version No. 01

Key abbreviations or acronyms used Not available.

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 material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Master Fluid Solutions cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

Revision information Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Multiple Properties
HazReg Data: International Inventories
GHS: Classification