



A CSW Industrial Company

# SAFETY DATA SHEET

Revision Date 17-March-2019

Revision Number 0



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## Section 1 — Identification

### Product identifier

Product Name #202 MOLY-LITH

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use For industrial use only

Uses advised against No information available

### Details of the supplier of the safety data sheet

#### Manufacturer

Jet-Lube LLC.  
930 Whitmore Drive  
Rockwall Texas  
75087 US  
Phone: +1 972-771-1000  
Fax: +1 972-722-2108

#### Supplier

Blick Industrial Limited  
21 Kahu Crescent  
Te Rapa Hamilton  
3200 New Zealand  
Phone: +64 7 849 2366  
Email: sales@blick.group

### For further information, please contact

Contact Point Product Safety Department

E-mail address Regulatory@jetlube.com

### Emergency telephone number

Emergency Telephone CHEMTREC +1-703-741-5970 or 1-800-424-9300 (24/7)  
Poisons Information Center, New Zealand: 0800 764 766

## Section 2 — Hazard(s) identification

### GHS Classification

Acute toxicity - Oral	Category 5 (HSNO - 6.1E)
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**Label elements****Signal word**

Warning

**Hazard statements**

H303 - May be harmful if swallowed

**Precautionary Statements - Response**

Call a POISONS INFORMATION CENTRE or doctor if you feel unwell

**Other hazards**

No information available

**Section 3 — Composition and information on ingredients**

Chemical name	CAS No	Weight-%
Lubricating grease	74869-21-9	>60
Molybdenum (IV) sulfide	1317-33-5	<10
Calcium dodecylbenzene sulfonate	26264-06-2	<10
Non-hazardous ingredients	Proprietary	Balance

**Section 4 — First aid measures****First aid measures**

<b>Emergency telephone number</b>	Poisons Information Centre, New Zealand: 0800 764 766
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed****Symptoms** No information available.**Indication of any immediate medical attention and special treatment needed****Note to doctors** Treat symptomatically.**Section 5 — Firefighting measures****Suitable Extinguishing Media****Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** No information available.

**Special protective actions for firefighters**

**Special protective equipment for firefighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **Section 6 — Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

**Precautions to prevent secondary hazards**

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## **Section 7 — Handling and storage**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

## **Section 8 — Exposure controls and personal protection**

**Control parameters**

**Exposure Limits**

Chemical name	New Zealand WEL	ACGIH TLV	United Kingdom	Australia
Molybdenum (IV) sulfide	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> Mo inhalable particulate matter TWA: 3 mg/m <sup>3</sup> Mo respirable particulate matter	STEL: 20 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

<b>Engineering controls</b>	Showers Eyewash stations Ventilation systems.
<b>Eye/face protection</b>	No special protective equipment required.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Environmental exposure controls</b>	No information available.

**Section 9 — Physical and chemical properties****Physical and Chemical Properties**

<b>Physical state</b>	Paste/Gel
<b>Appearance</b>	Black
<b>Odour</b>	Petroleum
<b>Colour</b>	No information available
<b>Odour Threshold</b>	No data available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks</u></b>	<b><u>Method</u></b>
<b>pH</b>	7		
<b>Melting / freezing point</b>	No data available	None known	
<b>Boiling point/boiling range</b>	316 °C		
<b>Flash Point</b>	221 C		
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	No data available	None known	
<b>Flammability Limit in Air</b>		None known	
<b>Upper flammability limit</b>	No data available		
<b>Lower flammability limit</b>	No data available		
<b>Vapour pressure</b>	No data available	None known	
<b>Vapour density</b>	No data available	None known	
<b>Relative density</b>	0.92		
<b>Water Solubility</b>	Insoluble		
<b>Solubility(ies)</b>	No data available	None known	
<b>Partition coefficient: n-octanol/water</b>	Not Applicable		
<b>Auto-ignition temperature</b>	No data available	None known	
<b>Decomposition temperature</b>	No data available	None known	
<b>Kinematic viscosity</b>	No data available	None known	
<b>Dynamic viscosity</b>	No data available	None known	

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Explosive properties	No information available.
Oxidising properties	No information available.

**Other Information**

Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	None
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

**Section 10 — Stability and reactivity****Reactivity**

Reactivity	No information available.
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**Chemical stability**

Stability	Stable under normal conditions.
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**Explosion Data**

Sensitivity to mechanical impact	None.
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Sensitivity to static discharge	None.
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**Possibility of Hazardous Reactions**

Possibility of hazardous reactions	None under normal processing.
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**Conditions to avoid**

Conditions to avoid	None known based on information supplied.
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**Incompatible materials**

Incompatible materials	None known based on information supplied.
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**Hazardous Decomposition Products**

Hazardous Decomposition Products	None known based on information supplied.
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**Section 11 — Toxicological information****Acute Toxicity****Information on likely routes of exposure****Product Information**

Inhalation	No known hazard by inhalation.
Eye contact	None known.
Skin contact	None known.
Ingestion	May be harmful if swallowed.

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**Symptoms** No information available.

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 2,372.50 mg/kg

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Lubricating grease	= 2280 mg/kg ( Rat )	-	-
Molybdenum (IV) sulfide	-	-	> 2820 mg/m <sup>3</sup> ( Rat ) 4 h
Calcium dodecylbenzene sulfonate	1086 - 1980 mg/kg ( Rat ) = 4 g/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**Respiratory irritation** No information available.

**Narcotic effects** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**Section 12 — Ecological information**

**Ecotoxicity**

**Ecotoxicity** .

**Aquatic ecotoxicity**

**Unknown aquatic toxicity** 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Lubricating grease	-	96h LC50: > 2000 mg/L (Salmo gairdneri)	-	-
Calcium dodecylbenzene sulfonate	-	96h LC50: = 10.8 mg/L (Oncorhynchus mykiss)	-	-

**Terrestrial ecotoxicity** There is no data for this product.

**Persistence and Degradability** No information available.

**Bioaccumulative potential**

**Bioaccumulation** No information available.

**Mobility in soil**

**Mobility** No information available.

**Other adverse effects**

No information available.

## Section 13 — Disposal considerations

**Waste treatment methods****Waste from residues/unused products**

Dispose of product in packaging in a way that is consistent with the Hazardous Substances (Disposal) Notice 2017 and the Act

Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste

Dispose of product in packaging in a way that is consistent with the Hazardous Substances (Disposal) Notice 2017 and the Act

Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste

Class 6 and 8 substances – may be discharged into the environment if a tolerable exposure limit has been set for the substance (or a component of that substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the tolerable exposure limit. If there is no tolerable exposure limit for the substance, then it may only be discharged into the environment if the substance is very rapidly converted to substances that are not hazardous substances

**Contaminated packaging**

For packages that have been in direct contact with hazardous substances, the person must ensure that the package is rendered incapable of containing any substance. It must be disposed of in a manner that is consistent with the requirements for disposal of the substance that it contained, taking into account the material the package is manufactured from

Packages may only be reused or recycled if the package has been treated to remove any residual contents of the hazardous substance (Class 1, 2, 3, 4, or 5); or the contents of the residue in the package are below the threshold for the substance to be classified as hazardous (Class 6, 8, or 9 substance)

## Section 14 — Transport information

**IATA**

**Proper Shipping Name**  
**Hazard Class**

Not regulated  
NON REGULATED  
N/A

**IMDG/IMO**

**Hazard Class**

Not regulated  
N/A

**Transport in bulk according to Annex II of MARPOL and the IBC Code**

No information available

**Special precautions**

Please refer to the applicable dangerous goods regulations for additional information

## Section 15 — Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****New Zealand**

Chemical name	New Zealand HSNO Chemical Classification
Calcium dodecylbenzene sulfonate - 26264-06-2	6.1D oral,6.3A,8.3A,9.1D algal,9.1D crustacean,9.1D fish,9.3C

**National regulations** See Section 8 for any applicable tolerable exposure limits and environmental exposure limits

**Certified handlers, tracking and controlled substance license requirements** Certified handlers are required for some substances. This includes for substances requiring a controlled substance license, including Class 1 explosives, vertebrate toxic agents (9.3A, B, C), and certain fumigants. Class 6.1A and 6.1B substances such as pesticides also require Certified handlers. Please check the Health and Safety at Work Act 2015 for further information  
Tracking is required for some highly hazardous substances. These substances need to be under the control of an appropriately trained person or appropriately secured. Please check the Health and Safety at Work Act 2015 for further information  
Controlled substance licenses are required to possess certain Class 1 (explosive) and Class 6 (vertebrate toxic agents or fumigants) substances. See Part 7 of the Health and Safety at Work Regulation 2017 for more information

**EPA New Zealand HSNO approval code or group standard** Lubricants (Low Hazard) Group Standard 2017 – HSR002605

**International Inventories**

**New Zealand Inventory of Chemicals** Complies.  
**TSCA** Complies.  
**DSL/NDSL** Complies.  
**EINECS/ELINCS** Complies.  
**ENCS** Complies.  
**KECL** Complies.  
**PICCS** Complies.  
**AICS** Complies.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**International Regulations**

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

**Section 16 — Any other relevant information**

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501



Revision Date 17-March-2019

Revision Note No information available

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	-	Skin designation
C	Carcinogen		

**Disclaimer**

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**End of Safety Data Sheet**

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