

SAFETY DATA SHEET

Issuing Date 07-06-2015

Revision Date 05-31-2017

Revision Number 1

Australia / English

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Product identifier

Product Name JET-LUBE® WHITE LITHIUM GREASE w/ PTFE

Product Code(s) 503

Other means of identification

UN Number UN3082

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Sealant Lubricants, Greases and Release Products

Uses advised against No information available

Details of manufacturer or importer Supplier Identification Address

Telephone E-mail

XTEX XTEX Ltd
ABN 40 121 722 236
7 Arnold Street
Cheltenham, VIC 3192

TEL: 1300-00-XTEX(9839)

sales@xtex.com.au

For further information, please contact

Responsible Persons Product Safety Department

Emergency telephone number

Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL) Information Center, Australia: 13 11 26
Information Center, New Zealand: 0800 764 766

GHS Classification

Label elements

Hazard statements

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

May be harmful if swallowed
Causes mild skin irritation
Toxic to aquatic life with long lasting effects
Toxic to aquatic life

General Hazards No information available.

Substance

Not applicable.

Mixture

Chemical name	CAS-No	Percent
Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.	74869-21-9	80-95
Zinc oxide	1314-13-2	5-10
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	1-5
Titanium dioxide	13463-67-7	1-5
Non-hazardous ingredients	Proprietary	Balance

First aid measures

General advice IF exposed or concerned: Get medical advice/attention.

Emergency telephone number Poisons Information Center, Australia: 13 1126
Poisons Information Center, New Zealand: 0800 764 766

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin contact Wash skin with soap and water.

Ingestion 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 physicians Treat symptomatically.

Suitable Extinguishing Media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

Specific hazards arising from the chemical

No information available.

Hazardous Combustion Products Carbon oxides

Special protective actions for fire-fighters

Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Other Information Refer to protective measures listed in Sections 7 and 8.

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 labeled containers.

Precautions to prevent secondary hazards

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

Precautions for safe handling

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

skin, eyes or clothing.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

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.

Control parameters

Exposure Limits

Chemical name	Australia
Zinc oxide - 1314-13-2	10 mg/m ³ 5 mg/m ³ 10 mg/m ³ STEL
Titanium dioxide - 13463-67-7	10 mg/m ³

Legend See section 16 for terms and abbreviations.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection Wear suitable protective clothing.

Hand protection Wear suitable gloves.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Environmental exposure controls No information available.

Physical and Chemical Properties

Physical state Gel
Appearance Grey
Odor Petroleum
Color No information available
Odor Threshold Not applicable

Property	Values	Remarks Method
pH	7	
Melting / freezing point	190 °C	None known
Boiling point / boiling range	316 °C	
Flash Point	> 221 °C	
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known

Vapor density	No data available	None known
Relative density	0.96	
Water Solubility	Negligible	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	Not applicable	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

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

Reactivity

Reactivity No information available.

Chemical stability

Stability Stable under normal conditions.

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Possibility of Hazardous Reactions

Possibility of hazardous reactions None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur

Conditions to avoid

Conditions to avoid None known based on information supplied.

Incompatible materials

Incompatible materials None known based on information supplied.

Hazardous Decomposition Products

Hazardous Decomposition Products Carbon oxides.

Acute Toxicity

Information on likely routes of exposure

Product Information

Inhalation .
Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Causes mild skin irritation.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms No information available.

Numerical measures of toxicity - Product Information

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

ATEmix (oral) 2,545.00 mg/kg

Unknown acute toxicity 99.4 % of the mixture consists of ingredient(s) of unknown toxicity
9.8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
99.4 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
99.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
99.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
99.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.	= 2280 mg/kg (Rat)	-	-
Zinc oxide	> 5000 mg/kg (Rat)	-	-
Titanium dioxide	> 10000 mg/kg (Rat)	-	> 6820 mg/m ³

Legend

See section 16 for terms and abbreviations

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.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Ecotoxicity

Ecotoxicity .

Unknown aquatic toxicity 91.5 % 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)
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Lubricating greases A complex combination of hydrocarbons having carbon numbers predominantly in the range of C12 through C50. may contain organic salts of alkali metals, alkaline earth metals, etc.	>1001 mg/l	96h LC50: > 2000 mg/L (Salmo gairdneri)	-	-
Zinc oxide	Selenastrum capricornutum 72-hour EC50: 0.14 mg/l	Oncorhynchus mykiss 96-hour LC50: 0.14 mg/l	-	Daphnia magna 48-hour EC50: 0.07 mg/l
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	-	LC50 96 h: 1.0 - 5.0 mg/L static (Pimephales promelas) LC50 96 h: 10.0 - 35.0 mg/L semi-static (Pimephales promelas)	-	EC50 48 h: 1 - 1.5 mg/L (Daphnia magna)

Persistence and degradability

Persistence and Degradability No information available.

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Mobility

Mobility in soil No information available.

Mobility No information available.

Other adverse effects

Other adverse effects No information available.

Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

ADG

UN Number	UN3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Hazard Class	9
Packing group	III
Description	UN3082 Environmentally hazardous substance, liquid, n.o.s.9,III

IATA NOT REGULATED

UN-No. UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.
Hazard Class 9
Packing Group III
Description UN3082, Environmentally hazardous substance, liquid, n.o.s.(Zinc oxide), 9, III

IMDG/IMO

UN-No. UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s.
Hazard Class 9
Packing Group III
EmS-No. F-A, S-F
Marine Pollutant Product is a marine pollutant according to the criteria set by IMDG/IMO
Description UN3082, Environmentally hazardous substance, liquid, n.o.s.(Zinc oxide), 9, III, Marine Pollutant

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

No information available

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

National regulations

Australia

See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

The below table provides the relevant information for classification of this product according to the regulation. This information should be used to appropriately determine if a classification is relevant to the overall product

Chemical name	Percent	Poison Schedule Number	Standard for the Uniform Scheduling of Drugs and Poisons(SUSDP)
Zinc oxide 1314-13-2	5-10	4	Schedule 4 (for human internal use except in preparations with a recommended daily dose of <=25 mg of Zinc;or in preparations with a recommended daily dose of between 25-50 mg of Zinc when compliant with the requirements of the Required Advisory Statements for Medicine Labels)
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts 68649-42-3	1-5	4	Schedule 4 (for human internal use except in preparations with a recommended daily dose of <=25 mg of Zinc;or in preparations with a recommended daily dose of between 25-50 mg of Zinc when compliant with the requirements of the Required Advisory

			Statements for Medicine Labels)
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National pollutant inventory

Subject to reporting requirement

Chemical name	National pollutant inventory
Zinc oxide - 1314-13-2	10 tonne/yr Threshold category 1
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts - 68649-42-3	10 tonne/yr Threshold category 1

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Complies.
EINECS/ELINCS	Complies.
ENCS	Not determined.
KECL	Not determined.
PICCS	Complies.
AICS	Not determined.

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

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

Issuing Date 07-06-2015

Revision Date 05-31-2017

Revision Note Initial Release

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

Section 8: EXPOSURE CONTROLS/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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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.

End of Safety Data Sheet