



SAFETY DATA SHEET

Issuing Date 06-Jul-2015

Revision Date 06-Jul-2015

Revision Number 0

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code(s) 50341

Product Name JET-LUBE® WHITE LITHIUM GREASE AEROSOL

Synonyms WHITE LITHIUM GREASE AEROSOL

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

Recommended Use Lubricants, Greases and Release Products, Sealant

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Importer	Company
Jet-Lube (UK) Ltd	Jet-Lube, Inc.
Jet-Lube House	4849 Homestead Rd.
Reform Road	Suite 232
Maidenhead	Houston, Texas 77028
Berkshire UK	TEL: 713-670-5700 (7:00 a.m. - 5 p.m.)
SL6 8BY	
TEL: 44 1628-631913 (8:00 a.m. - 5:00 p.m.)	

For further information, please contact

E-mail Address doldiges@jetlube.com

1.4. Emergency telephone number

Emergency Telephone Number CHEMTREC: +1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

Europe	112
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Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Aspiration Toxicity	Category 1
Specific Target Organ Toxicity (Repeated Exposure)	Category 1
Chronic Aquatic Toxicity	Category 2

Physical Hazards

Flammable aerosols	Category 1
Gases under pressure	Compressed gas

2.2. Label Elements



Signal Word

Danger

Hazard Statements

- H304 - May be fatal if swallowed and enters airways
- H372 - Causes damage to organs through prolonged or repeated exposure
- H411 - Toxic to aquatic life with long lasting effects
- H222 - Extremely flammable aerosol
- H280 - Contains gas under pressure; may explode if heated
- EUH066 - Repeated exposure may cause skin dryness or cracking
- EUH210 - Safety data sheet available on request

Precautionary Statements

- P260 - Do not breathe dust/fume/gas/mist/vapors/spray
- P270 - Do not eat, drink or smoke when using this product
- P501 - Dispose of contents/ container to an approved waste disposal plant
- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P211 - Do not spray on an open flame or other ignition source
- P251 - Pressurized container: Do not pierce or burn, even after use
- P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F

2.3. Other information

No information available.

Section 3. Composition/information on ingredients

3.1. Substances

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Solvent naphtha (petroleum), medium aliphatic	Present	64742-88-7	35-45	STOT RE 1 (H372) Asp. Tox. 1 (H304)	No data available
Petroleum distillates	270-704-2	68476-85-7	20-25	Flam. Gas 1 (H220)	No data available
Zinc oxide	215-222-5	1314-13-2	2-2.5	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Ingestion	Not an expected route of exposure. Rinse mouth. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Aspiration hazard if swallowed - can enter lungs and cause damage. Consult a physician.
Inhalation	Move victim to fresh air. If symptoms persist, call a physician.
Protection of First-aiders	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.2. Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects Aspiration into lungs can produce severe lung damage.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Move containers from fire area if you can do it without risk.

Extinguishing media which must not be used for safety reasons

No information available.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Ruptured cylinders may rocket. Containers may explode when heated.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Contents under pressure. In case of rupture: Remove all sources of ignition. Ensure adequate ventilation. Do not breathe vapors or spray mist. Use personal protective equipment. Avoid contact with skin, eyes and inhalation of vapors.

6.2. Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways, and/ or groundwater. See Section 12 for additional Ecological Information.

6.3. Methods and materials for containment and cleaning up

If possible, turn leaking containers so that gas escapes rather than liquid.

Pick up and transfer to properly labeled containers. In case of rupture: Take up with inert, damp, noncombustible material using clean non-sparking tools and place into loosely plastic containers for later disposal

6.4. Reference to other sections

See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling

Handling

Keep away from open flames, hot surfaces and sources of ignition. In case of rupture: Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Take precautionary measures against static discharges. Use only in area provided with appropriate exhaust ventilation.

Hygiene Measures

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep away from direct sunlight. Keep away from open flames, hot surfaces and sources of ignition.

7.3. Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Petroleum distillates 68476-85-7		STEL: 1250 ppm STEL: 2180 mg/m ³ TWA: 1000 ppm TWA: 1750 mg/m ³		VLA-ED: 1000 ppm	
Zinc oxide 1314-13-2			TWA: 5 mg/m ³ TWA: 10 mg/m ³	STEL: 10 mg/m ³ TWA: 2 mg/m ³	TWA: 1 mg/m ³ Ceiling / Peak: 1 mg/m ³
Component	Italy	Portugal	The Netherlands	Finland	Denmark
Petroleum distillates 68476-85-7 (20-25)		TWA: 1000 ppm			

Section 10. Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks. Keep away from direct sunlight. Do not puncture or incinerate cans. Incompatible products.

10.5. Incompatible materials

Strong acids. Amines. Oxidizing agents. Alkaline materials.

10.6. Hazardous decomposition products

None under normal use.

Section 11. Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product Information

Inhalation

Vapors may irritate throat and respiratory system.

Eye Contact

Contact with eyes may cause irritation.

Skin Contact

None known.

Ingestion

Not an expected route of exposure. Potential for aspiration if swallowed.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Solvent naphtha (petroleum), medium aliphatic	> 5000 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	> 5.28 mg/L (Rat) 4 h
Zinc oxide	> 5000 mg/kg (Rat)		

Sensitization

None known.

Mutagenic Effects

None known.

Carcinogenic Effects

No information available.

Reproductive Toxicity

None known.

Developmental Toxicity

None known.

STOT - single exposure

No information available.

STOT - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

Target Organ Effects

Central nervous system (CNS).

Aspiration Hazard

No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects

Toxic to aquatic life with long lasting effects

Ecotoxicity effects of component substances:

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Solvent naphtha (petroleum), medium aliphatic	EC50 96 h: = 450 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 800 mg/L static (Pimephales promelas)		EC50 48 h: > 100 mg/L (Daphnia magna)
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

12.2. Persistence and degradability

No data is available on the product itself.

12.3. Bioaccumulative potential.

Chemical Name	Log Pow
Petroleum distillates	2.8

12.4. Mobility in soil

Adsorbs on soil.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products	Dispose of in accordance with local regulations.
Contaminated Packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.
Other Information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Section 14. Transport information

IMDG/IMO

14.1. UN-Number	UN1950
14.2. Proper Shipping Name	Aerosols
14.3. Hazard Class	2
Subsidiary Class	See SP63
14.4. Packing Group	Not regulated.
Description	UN1950, Aerosols, 2.1 (See SP63), (18°C c.c.)
14.5. Marine Pollutant	None.
14.6. Special Provisions	None.
EmS No.	F-D, S-U

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

RID

14.1. UN-Number UN1950
14.2. Proper Shipping Name Aerosols
14.3. Hazard Class 2
14.4. Packing Group Not regulated.
Description UN1950, Aerosols, 2.1
14.5. Environmental hazard None.
14.6. Special Provisions None.
Classification Code 5F

ADR

14.1. UN-Number UN1950
14.2. Proper Shipping Name Aerosols
14.3. Hazard Class 2
14.4. Packing Group Not regulated.
Description UN1950, Aerosols, 2.1, (D)
14.5. Environmental hazard None.
14.6. Special Provisions None.
Classification Code 5F
Tunnel Restriction Code (D)

ICAO

14.1. UN-Number UN1950
14.2. Proper shipping name Aerosols
14.3. Hazard Class 2.1
14.4. Packing Group Not regulated.
Description UN1950, Aerosols, 2.1
14.5. Environmental hazard None.
14.6. Special Provisions None.

IATA

14.1. UN-Number UN1950
14.2. Proper Shipping Name Aerosols, flammable
14.3. Hazard Class 2.1
14.4. Packing Group Not regulated.
Description UN1950, Aerosols, flammable, 2.1
14.5. Environmental hazard None.
14.6. Special Provisions None.
ERG Code 10L

Section 15. Regulatory information

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

International Inventories

TSCA Complies
EINECS/ELINCS Complies
DSL/NDSL Complies
PICCS Complies
ENCS Complies
IECSC -
AICS Complies
KECL Complies

Legend

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

15.2. Chemical Safety Assessment

No information available

Section 16. Other information

Full text of H-Statements referred to under sections 2 and 3

H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H372 - Causes damage to organs through prolonged or repeated exposure
H304 - May be fatal if swallowed and enters airways
EUH066 - Repeated exposure may cause skin dryness or cracking
H220 - Extremely flammable gas
H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated
EUH210 - Safety data sheet available on request
H411 - Toxic to aquatic life with long lasting effects

Key literature references and sources for data

www.ChemADVISOR.com/

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Revision Note Initial Release.

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet