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Revision Number 0

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

### 1.1. Product identifier

Product Code(s) 270

Product Name JET-LUBE® ZINC DUST-PETROLATUM ANTI-SEIZE

Synonyms ZINC DUST-PETROLATUM ANTI-SEIZE

### 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

Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

#### Physical Hazards

None

### 2.2. Label Elements



**Signal Word** Warning

**Hazard Statements**

H410 - Very toxic to aquatic life with long lasting effects

**Precautionary Statements**

P273 - Avoid release to the environment

P391 - Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal plant

**2.3. Other information**

**Section 3. Composition/information on ingredients**

**3.1. Substances**

**3.2. Mixtures**

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Petrolatum	232-373-2	8009-03-8	40-60	Carc. 1B (H350)	No data available
Zinc	231-175-3	7440-66-6	40-60	Pry. Sol. 1 (H250) 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**

**Note**

The full refining history is known for this product and it can be shown that the substance from which it is produced is not a carcinogen. This note applies only to certain complex oil derived substances in Annex I.

**Section 4. First aid measures**

**4.1. Description of first-aid measures**

**Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact** Wash skin with soap and water. If skin irritation persists, call a physician.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

**Inhalation** Move to fresh air. If symptoms persist, call a physician.

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

**Most Important Symptoms/Effects** No information available.

**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.

**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**

None in particular.

**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**

Avoid contact with the skin and the eyes. Use personal protective equipment.

**6.2. Environmental precautions**

Do not allow material to contaminate ground water system. Prevent product from entering drains. Prevent from entering into soil, ditches, sewers, waterways, and/ or groundwater. Avoid release to the environment. See Section 12 for additional Ecological Information.

**6.3. Methods and materials for containment and cleaning up**

Prevent further leakage or spillage if safe to do so.

Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.

**6.4. Reference to other sections**

Personal protection equipment (PPE) - Refer to Section 8.

Disposal - Refer to Section 13.

**Section 7. Handling and storage**

**7.1. Precautions for Safe Handling**

**Handling**

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

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

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

**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
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Zinc 7440-66-6					MAK: 0.1 mg/m <sup>3</sup> MAK: 2 mg/m <sup>3</sup> Ceiling / Peak: 0.4 mg/m <sup>3</sup> Ceiling / Peak: 4 mg/m <sup>3</sup>
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**Derived No Effect Level** No information available.  
**Predicted No Effect Concentration (PNEC)** No information available.

**8.2. Exposure controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.  
**Personal protective equipment**  
**Eye Protection** If splashes are likely to occur, wear: Safety glasses with side-shields.  
**Skin and Body Protection** Lightweight protective clothing.  
**Hand Protection** Protective gloves.  
**Respiratory Protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Environmental Exposure Controls** No information available.

**Section 9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Physical State** Semi-fluid (gel)      **Appearance** Gray  
**Odor** None

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	Neutral	None known
Melting Point/Range	> 54 °C	None known
Boiling Point/Boiling Range	> 260 °C	None known
Flash Point	> 199 °C	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	1.36	None known
Water Solubility	Insoluble in water.	None known
Solubility in other solvents	Largely	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Flammable Properties	Not flammable	
Explosive Properties	No data available	
Oxidizing Properties	No data available	

**9.2. Other information**

**VOC Content (%)** None  
**Flammability Limits in Air** No data available

**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**

Incompatible products.

**10.5. Incompatible materials**

Strong oxidizing agents. Water.

**10.6. Hazardous decomposition products**

None under normal use.

**Section 11. Toxicological information**

**11.1. Information on toxicological effects**

**Acute Toxicity**

**Product Information**

**Inhalation**

None under normal use conditions.

**Eye Contact**

Contact with eyes may cause irritation.

**Skin Contact**

There is no data available for this product.

**Ingestion**

May cause gastrointestinal discomfort if consumed in large amounts.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petrolatum		= 3600 mg/kg ( Rabbit )	

**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**

No information available.

**Aspiration Hazard**

No information available.

**Section 12. Ecological information**

**12.1. Toxicity**

**Ecotoxicity Effects**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)

<p>Zinc</p>	<p>EC50 72 h: 0.09 - 0.125 mg/L static (Pseudokirchneriella subcapitata) EC50 96 h: 0.11 - 0.271 mg/L static (Pseudokirchneriella subcapitata)</p>	<p>LC50 96 h: 0.211-0.269 mg/L semi-static (Pimephales promelas) LC50 96 h: 2.16-3.05 mg/L flow-through (Pimephales promelas) LC50 96 h: = 0.24 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: = 0.41 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 0.45 mg/L semi-static (Cyprinus carpio) LC50 96 h: = 0.59 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: = 2.66 mg/L static (Pimephales promelas) LC50 96 h: = 3.5 mg/L static (Lepomis macrochirus) LC50 96 h: = 30 mg/L (Cyprinus carpio) LC50 96 h: = 7.8 mg/L static (Cyprinus carpio)</p>		<p>EC50 48 h: 0.139 - 0.908 mg/L Static (Daphnia magna)</p>
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**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**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 should be taken to an approved waste handling site for recycling or disposal.

**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	UN3082
14.2. Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s.(Zinc (powder)), 9, III,Marine Pollutant
14.5. Marine Pollutant	Product is a marine pollutant according to the criteria set by IMDG/IMO.
Environmental hazard	yes
14.6. Special Provisions	None.
EmS No.	F-A, S-F
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	UN3082
14.2. Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082 Environmentally hazardous substance, liquid, n.o.s.(Zinc (powder)), 9, III
14.5. Environmental hazard	yes
14.6. Special Provisions	None.
Classification Code	M6

#### ADR

14.1. UN-Number	UN3082
14.2. Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082 Environmentally hazardous substance, liquid, n.o.s.(Zinc (powder)), 9, III(E)
14.5. Environmental hazard	yes
14.6. Special Provisions	None.
Classification Code	M6
Tunnel Restriction Code	(E)

#### ICAO

14.1. UN-Number	UN3082
14.2. Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s.(Zinc (powder)), 9, III
14.5. Environmental hazard	yes
14.6. Special Provisions	None.

#### IATA

14.1. UN-Number	UN3082
14.2. Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s.(Zinc (powder)), 9, III
14.5. Environmental hazard	yes
14.6. Special Provisions	None.
ERG Code	9L

### 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	Not determined
IECSC	Complies
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  
IECSC - 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**

H250 - Catches fire spontaneously if exposed to air  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H350 - May cause cancer

**Key literature references and sources for data**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

Issuing Date	18-Dec-2015
Revision Date	18-Dec-2015
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**

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End of Safety Data Sheet