



Conforms to Regulation (EC) No. 1907/2006 - United Kingdom (UK)

SAFETY DATA SHEET JET-LUBE RUBBER LUBRICANT

Product classified as non-hazardous according to NOHSC classification

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Product Name: JET-LUBE RUBBER LUBRICANT

Use of the substance/preparation: Silicone emulsion

Company/undertaking identification

Manufacturer:

Jet-Lube, Inc.
4849 Homestead Rd., Suite 232
Houston, TX 77028
Email: doldiges@jetlube.com

USA Coprorate phone: (713) 670-5700

Australian Contact:

Xtex Pty. Ltd
ABN 40 121 722 236
80 Daly Street
Ascot, WA 6104

1300-00-9839 phone 0437-272-490 mobile

Emergency telephone numbers:

NHS DIRECT in the UK
Emergency number: 08454647

USA: CHEMTREC: (800) 424-9300

Outside US (Chemtrec): (703) 527-3887

Xtex Pty. Ltd 1300-00-XTEX

2. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification: Not classified

Physical/chemical hazards: Not applicable

Human health hazards: Not applicable

Environmental hazards: Not applicable

See section 11 for more detailed information on health effects and symptoms.

3. Composition /information on ingredients

Substance/preparation:

Preparation

| Ingredient name | CAS Number | EC Number | % | Classification |
|---|------------|-----------|---------|----------------|
| Water | 7732-18-5 | 231-791-2 | 75 - 85 | Not classified |
| Emulsifiers | Mixture | Mixture | 3 - 5 | Not classified |
| Polydimethyl Siloxane | 63148-62-9 | Polymer | 10 - 15 | Not classified |
| Propane-1,2-diol | 57-55-6 | 200-338-0 | 5 - 10 | Not classified |
| The fluids and additives do not require carcinogenic listing. | | | | |
| See section 16 for the full test of the R Phrases declared above. | | | | |

* Occupational Exposure Limit(s), if available, are listed in Section 8

The quantities of potential carcinogenic compounds detected in the oil are below the regulatory levels beyond which listing as carcinogenic material is required.

4. First aid measures

Effects and symptoms

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Skin Contact: No known significant effects or critical hazards.

Eye contact: No known significant effects or critical hazards.

First aid measures

Inhalation:

Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Obtain medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

Ingestion:

Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. If material has been swallowed and the exposed person is conscious, give large quantities of water to drink and get medical attention immediately. Maintain an open airway.

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Skin contact:

Flush contaminated skin with plenty of soap and water. Remove contaminated clothing and shoes. Obtain medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation persists.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

| | |
|--|---|
| Extinguishing media: | Due to high water content product is not flammable or combustible. |
| Special exposures hazards: | No specific hazard. |
| Hazardous thermal decomposition products: | Oxides of carbon. |
| Special protective equipment for fire-fighters: | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

6. Accidental release measures

| | |
|-----------------------------------|---|
| Personal precautions: | Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. |
| Environmental precautions: | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. |
| Methods for cleaning up: | If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dyke spilt material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal. |

7. Handling and storage

| | |
|----------------------------|---|
| Handling: | Wash thoroughly after handling. |
| Storage: | Keep container tightly closed. Keep container in a cool area but avoid freezing as it may adversely affect stability. |
| Packaging materials | |
| Recommended: | Use original container. |
| Specific uses: | Not available. |

8. Exposure controls/personal protection

| <u>Ingredient Name:</u> | <u>Occupational exposure limits</u> |
|-------------------------|---|
| Water | EH40-WEL (United Kingdom (UK), 9/2006) Data Available |
| Emulsifiers | EH40-WEL (United Kingdom (UK), 9/2006) Data Available |
| Polydimethyl Siloxane | EH40-WEL (United Kingdom (UK), 9/2006) Data Available |
| Propane-1,2-diol | TWA - 8 hours (United Kingdom (UK), 9/2006) 467 mg/m ³ |

Exposure controls

| | |
|--|---|
| Occupational exposure controls: | Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors are collected at their point of release. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Respiratory protection: | No respiratory equipment is required for normal use. |
| Hand protection: | Rubber gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. |
| Eye protection: | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, or mists. |
| Skin protection: | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |

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9. Physical and chemical properties

| | |
|---------------------------------------|-----------------------------------|
| Physical state: | Fluid |
| Color: | White |
| Odor: | Nil |
| pH: | Neutral |
| Boiling point: | >212F (100C) |
| Melting point: | None |
| Flash point: | Not applicable |
| Flammability (solid, gas): | Not applicable |
| Explosive properties: | None |
| Explosive limits: | Lower: N/A Upper: N/A |
| Oxidizing properties: | Not available |
| Vapor pressure: | <0.01 kPa (<0.08 mm Hg) (at 20°C) |
| Specific gravity: | 1 |
| Density: | 1.00 g/cm ³ |
| Solubility: | Soluble in cold water, hot water |
| Octanol/water partition coefficient: | Not available |
| Viscosity: | Not available |
| Vapor density: | >5 (Air = 1) |
| Evaporation rate (butyl acetate = 1): | <0.01 compared with Butyl acetate |
| Auto-ignition temperature: | >260°C (500°F) |

10. Stability and reactivity

| | |
|-----------------------------------|--|
| Stability: | The product is stable at 7C (45F) to 35C (95F) |
| Conditions to avoid: | Keep container away from extreme heat or freezing. |
| Materials to avoid: | Not available |
| Hazardous Decomposition products: | Oxides of carbon. |
| Hazardous polymerization: | Will not occur. |

11. Toxicological information

Potential acute health effects

| | |
|---------------|---|
| Inhalation: | No known significant effects or critical hazards. |
| Ingestion: | No known significant effects or critical hazards. |
| Skin contact: | No known significant effects or critical hazards. |
| Eye contact: | No known significant effects or critical hazards. |

Acute toxicity

| <u>Ingredient name</u> | <u>Test</u> | <u>Result</u> | <u>Route</u> | <u>Species</u> |
|------------------------|-------------|---|--------------|----------------|
| Water | | No known significant effects or critical hazards. | | |
| Acrylic resin emulsion | | No known significant effects or critical hazards. | | |
| Propane-1,2-diol | LD50 | 21,000 -30,000 mg/kg BW | Oral | Rat |
| | LD50 | 18,000 -19,000 mg/kg BW | Oral | Rabbit |

Potential chronic health effects

| | |
|------------------|---|
| Carcinogenicity: | No known significant effects or critical hazards. |
|------------------|---|

California Prop 65:

None

Australian National Health & Safety Commission (NOSC):

None

Mutagenicity:

No known significant effects or critical hazards.

Reproductive toxicity:

No known significant effects or critical hazards.

Over-exposure signs/symptoms

| | |
|------------------------|---|
| Inhalation: | No known significant effects or critical hazards as high viscosity makes inhalation unlikely. |
| Ingestion: | No known significant effects or critical hazards as grease results in gastric distress negating bioaccumulation concerns. |
| Skin: | No known significant effects or critical hazards. |
| Target organs: | No known significant effects or critical hazards. |
| Other adverse effects: | Not available |

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12. Ecological information

Ecotoxicity data

Ingredient name

Propane-1,2-diol

Species

Pimephales promelas (LC50)

Daphnia magna (EC50)

Daphnia magna (EC50)

Mysidopsis bahia (EC50)

Skeletonema costatum (EC50)

Period

96 hr/hrs

48 hr/hrs

48 hr/hrs

96 hr/hrs

14 days

Result

51,400 mg/l

34,400 mg/l

41,000 mg/l

18,800 mg/l

19.100 mg/l

Other ecological information

Mobility:

Not available

Other adverse effects:

No known significant effects or critical hazards.

13. Disposal consideration

Methods of disposal:

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste:

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. Transport information

Hazchem code 1Z

International transport regulations

| Regulatory information | UN Number | Proper shipping name | Class | Packing group | Label | Additional information |
|---------------------------|---------------|----------------------|-------|---------------|-------|------------------------|
| ADR/RID Class | Not regulated | - | - | - | - | - |
| ADNR Class | Not regulated | - | - | - | - | - |
| IMDG Class | Not regulated | - | - | - | - | - |
| IATA-DGR Class | Not regulated | - | - | - | - | - |
| Australia ADG Code | Not regulated | - | - | - | - | - |

15. Regulatory information

Poison Schedule

Not scheduled

EU Regulations

Risk Phrases:

This product is not classified according to EU legislation.

Safety Phrases:

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Product use:

Classification and labeling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use. Industrial applications.

Other EU regulations

Additional warning phrases:

Safety data sheet available for professional user on request.

Restrictions on the marketing and use directive:

Not applicable.

National regulations United Kingdom (UK)

COSHH:

The use of this chemical product must be in compliance with provisions included in COSHH (1999) and COSHH Essentials (1999).

US Regulations:

TSCA: All components are listed. (See Section 3).

TSCA 12B Components: None

SARA 313 (40 CFR Part 372):

None above reportable limits

SARA 311/312:

None

CERCLA RQ: N/A

OZONE DEPLETING CHEMICALS: None

TSCA REGULATORY: This material or its components are listed in the TSCA inventory.

RCRA Hazard class: N/A

Clean Air Act Sect 112 Hazardous Air Pollutants (HAPs): None

Volatile Organic Chemicals (VOCs):

Nil

State Right to Know:

New Jersey: 7732-18-5, 63148-62-9, 57-55-6

Pennsylvania: 7732-18-5, 63148-62-9, 57-55-6

Massachusetts: 7732-18-5, 63148-62-9, 57-55-6

Rhode Island: 7732-18-5, 63148-62-9, 57-55-6

Canadian Regulations:

DSL: All components are listed. (See Section 3)

WHMIS: CLASS B-2: Not regulated

RoHS Compliance

This product is compliant with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003. This product does not contain any of the restricted substances as listed in Article 4(1) of the RoHS Directive.

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16. Other information

History

Date of printing: November 22, 2010
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Prepared by:



Donald Oldiges, VP of Research & Development

| | | | | |
|--------------|-----------|-----------------|---------------|--------|
| NFPA: | Health: 0 | Flammability: 1 | Reactivity: 0 | |
| HMIS: | Health: 0 | Flammability: 1 | Reactivity: 0 | PPE: B |

Notice to reader:

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