



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

SAFETY DATA SHEET

JET-LUBE CC LUBE

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 CC LUBE
Use of the substance/preparation: Lubricating grease (white oil & synthetic based)

Company/undertaking identification

Manufacturer: Jet-Lube, Inc.
4849 Homestead Rd., Suite 232
Houston, TX 77028
Email: doldiges@jetlube.com USA Corporate 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 USA: CHEMTREC: (800) 424-9300
Emergency number: 08454647 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 |
|--|-----------------------------|-----------|---------|----------------|
| White Mineral Oil | 8042-47-7 | 232-455-8 | 50 - 75 | Not classified |
| 1-decene homopolymer | 68037-01-4 | 500-183-1 | 10 - 15 | Not classified |
| Polybutenes | 9003-29-6 | Polymer | 5 - 10 | Not classified |
| Aluminum, benzoate C16-18-fatty acid complex | 94166-87-7 or 82980-54-9 | 303-385-6 | 5-10 | Not classified |
| polyisobutylene | 9003-29-6 | Polymer | 0 - 1 | Not classified |
| PTFE | 9002-84-0 | Polymer | 0 - 1 | Polymer |

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

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: Inhalation is unlikely due to the paste nature of the product. In the event of inhalation clear air passage. If respiratory difficulty continues seek medical attention immediately.

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| | |
|----------------------|--|
| Ingestion: | Wash out mouth with water. If material has been swallowed, do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Obtain medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. |
| Skin contact: | Wash with soap and water. Remove contaminated clothing and shoes. Obtain medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| 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 occurs. |

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

5. Fire-fighting measures

| | |
|--|---|
| Extinguishing media: | Use an extinguishing agent suitable for the surrounding fire. |
| Special exposures hazards: | No specific hazard. |
| Hazardous thermal decomposition products: | These products are carbon oxides (CO, CO ₂). Some metallic and mineral oxides. |
| 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: | None required although persons with hypersensitive skin should use suitable protective equipment. |
| Environmental precautions: | Although expected to biodegrade to nonhazardous by-products, avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |
| Methods for cleaning up: | Contain spilled 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. |

7. Handling and storage

| | |
|----------------------------|--|
| Handling: | Wash thoroughly after handling. |
| Storage: | Keep container tightly closed. Keep container in a cool, well-ventilated area. |
| Packaging materials | |
| Recommended: | Use original container. |
| Specific uses: | Not available. |

8. Exposure controls/personal protection

| | |
|-------------------------|---|
| Ingredient Name: | Occupational exposure limits |
| PTFE | EH40-WEL (United Kingdom (UK), 9/2006) TWA: 10 mg/m ³ 65534 times per shift, 8 hour/hours. Form: Inhalable fraction PEL: 4 mg/m ³ 65534 times per shift, 8 hour/hours. Form: Respirable fraction |

Exposure controls

| | |
|--|---|
| Occupational exposure controls: | None needed under most circumstances. |
| Respiratory protection: | No respiratory equipment is required for normal use. |
| Hand protection: | None required unless persons have hypersensitive skin. |
| 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, mists, gases or dusts. |
| Skin protection: | None required unless persons have hypersensitive skin. |

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9. Physical and chemical properties

| | |
|---------------------------------------|------------------------------------|
| Physical state: | Liquid (grease) |
| Color: | translucent clear to pale yellow |
| Odor: | Nil |
| pH: | Neutral |
| Boiling point: | <316°C (600.8°F) |
| Melting point: | >260°C (500°F) |
| Flash point: | Open cup: > 221°C (429.8°F) |
| Flammability (solid, gas): | Not applicable |
| Explosive properties: | Not applicable |
| Explosive limits: | Lower: 0.9% Upper: 7% |
| Oxidizing properties: | Not available |
| Vapor pressure: | <0.01 kPa (<0.08 mm Hg) (at 20°C) |
| Specific gravity: | 0.876 |
| Density: | 0.876 g/cm ³ |
| Solubility: | Insoluble 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 |
| Conditions to avoid: | Keep away from sources of ignition. Keep away from heat. |
| Materials to avoid: | Not available |
| Hazardous Decomposition products: | These products are carbon oxides (CO, CO ₂). |

Hazardous polymerization: Will not occur.

11. Toxicological information

Potential acute health effects

| | | | |
|------------------------|---|---------------|---------------|
| 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 contact: | No known significant effects or critical hazards. | | |
| Eye contact: | No known significant effects or critical hazards. | | |
| <u>Ingredient name</u> | <u>Species</u> | <u>Period</u> | <u>Result</u> |

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.

Ingestion: No known significant effects or critical hazards.

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

Other ecological information

Persistence/degradability:

Ingredient name

Lubricating grease, synthetic based

BOD

Not available

COD

Not available

ThOD

2.99 mg O₂/mg

Ingredient name

Lubricating grease, synthetic based

Aquatic half-life

Not available

Photolysis

Not available

Biodegradability

15 % mineralisation in
28 days (BODIS)

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 |
|---------------------------|---------------|----------------------|-------|---------------|-------|------------------------|
| US Dept of Transportation | Not regulated | | | | | |
| ADR/RID Class | Not regulated | - | - | - | - | - |
| ADNR Class | Not regulated | - | - | - | - | - |
| IMDG Class | Not regulated | - | - | - | - | - |
| IATA-DGR Class | Not regulated | - | - | - | - | - |
| Canada TDG | 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:

S20/21 - When using do not eat, drink or smoke

S28 - After contact with skin, wash immediately with plenty of water.

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

S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

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.

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RCRA Hazard class: N/A

NSF Food Registered:

Category H-1 NSF Registration File Number: 048226

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

Volatile Organic Chemicals (VOCs):

Nil

State Right to Know:

New Jersey: 8042-47-7, 68037-01-4, 9003-29-6, 94166-87-7 or 82980-54-9, 9002-84-0

Pennsylvania: 8042-47-7, 68037-01-4, 9003-29-6, 94166-87-7 or 82980-54-9, 9002-84-0

Massachusetts: 8042-47-7, 68037-01-4, 9003-29-6, 94166-87-7 or 82980-54-9, 9002-84-0

Rhode Island : 8042-47-7, 68037-01-4, 9003-29-6, 94166-87-7 or 82980-54-9, 9002-84-0

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.

Australia AQIS: CLASS B-2: Incidental Food contact approved through June 29, 2012.

16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK):

R Phrases: R22 Harmful if swallowed

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK):

History

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1

Prepared by:



Name & Title

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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