



SAFETY DATA SHEET

JET-LUBE 5000

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 5000
Use of the substance/preparation: Cleaner & degreaser

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: Australian Poison Information Centre 13-11-26

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
Distilled Water	7732-18-5	231-791-2	90 - 95	Not classified
Proprietary blend of surfactants	Mixture	Mixture	5 - 10	Not classified
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]- .omega.-hydroxy-	9036-19-5	Not available	3 - 8	Not classified
Alcohols, C11-14, iso-, C13 rich, ethoxylated	78330-21-9	Not available	3 - 8	Not classified
The 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: May cause respiratory irritation.
Ingestion: Harmful if swallowed. May cause nausea, gastrointestinal irritation and diarrhea
Skin Contact: May cause skin irritation, dryness & peeling. There are no reports of human sensitization.
Eye contact: May cause temporary eye irritation, redness, tearing, pain.

First aid measures

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

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.

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Skin contact:	Rinse with water. Remove contaminated clothing and shoes. 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:	Not flammable - Use media appropriate for surrounding material.
Special exposures hazards:	No specific hazard. Not a fire or explosion hazard.
Hazardous thermal decomposition products:	Some 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:	Avoid inhalation. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash clothing after use.
Environmental precautions:	Dike spill.
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:	Avoid inhalation. Do not get in eyes, on skin or clothing. Rinse after handling. Wash clothing after use.
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
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Exposure controls

Occupational exposure controls:	None needed under most circumstances.
Respiratory protection:	Where the potential exists for airborne exposure, wear NIOSH approved respiratory protection.
Hand protection:	Impervious type of gloves suitable for cleaner materials.
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:	Where there is potential for skin contact, have available and wear as appropriate impervious gloves, apron or smock.

9. Physical and chemical properties

Physical state:	Liquid
Color:	clear
Odor:	Mild.
pH:	Neutral
Boiling point:	100 C (212 F)
Melting point:	None
Flash point:	Open cup: Not applicable
Flammability (solid, gas):	Not applicable
Explosive properties:	Not applicable

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Explosive limits:	Not applicable
Oxidizing properties:	Not available
Vapor pressure:	Not available
Specific gravity:	Not available
Density:	1
Solubility:	Soluble in cold water, hot water
Octanol/water partition coefficient:	Not available
Viscosity:	Not available
Vapor density:	Not available
Evaporation rate (butyl acetate = 1):	Like water
Auto-ignition temperature:	Not applicable

10. Stability and reactivity

Stability:	The product is stable
Conditions to avoid:	Not available.
Materials to avoid:	Incompatible or can react with acids, strong oxidizers. May not be suitable for cleaning aluminum in the concentrated form.
Hazardous Decomposition products:	Oxides of carbon.
Hazardous polymerization:	Not available

11. Toxicological information

Potential acute health effects

Inhalation:	May cause respiratory irritation.
Ingestion:	Harmful if swallowed. May cause nausea, gastrointestinal irritation and diarrhea
Skin contact:	May cause skin irritation, dryness & peeling. There are no reports of human sensitization.
Eye contact:	May cause severe eye irritation/burns, redness, tearing, pain & conjunctival swelling.

Acute toxicity

Ingredient name	Test	Result	Route	Species
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Potential chronic health effects

Carcinogenicity:	No known significant effects or critical hazards.
California Prop 65:	Some of the additives contain materials known to the state of California to cause cancer.
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:	Irritation of the respiratory tract.
Ingestion:	No known significant effects or critical hazards as grease results in gastric distress negating bioaccumulation concerns.
Skin:	Dehydrating & defatting of skin, redness, dryness & peeling and discomfort.
Target organs:	No known significant effects or critical hazards.
Other adverse effects:	Not available

12. Ecological information

Ecotoxicity data

Ingredient name	Species	Period	Result
Poly(oxy-1,2-ethanediyl), .alpha.-[(1,1,3,3-tetramethylbutyl)phenyl]-.omega.-hydroxy-	Fish	Golden orfe	LC-50, 96 hr
	Crustacean	not stated	EC-50, 48 hr
	Algae	not stated	EC-10, 72 hr

Other ecological information

Mobility:	Not available
Other adverse effects:	No known significant effects or critical hazards.

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13. Disposal consideration

Methods of disposal:

The generation of waste should be avoided or minimized wherever possible. The product is expected to biodegrade to components that are expected to be harmless. Consult with regulatory agencies to ensure disposal of this product, and any by-products comply with requirements 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:

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R36/38 - Irritating to eyes and skin.

Safety Phrases:

S1/2 : Keep locked up and out of reach of children.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 - After contact with skin, wash immediately with plenty of water.
S37/39 - Wear suitable 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 cleaning applications.

Other EU regulations

Additional warning phrases:

Not applicable.

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

NSF Food Registered:

Categories A1, B2, & C1 NSF Registration File Number: 048229

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

Volatile Organic Chemicals (VOCs):

Nil

State Right to Know:

New Jersey: 7732-18-5, 9036-19-5, 78330-21-9
Pennsylvania: 7732-18-5, 9036-19-5, 78330-21-9
Massachusetts: 7732-18-5, 9036-19-5, 78330-21-9
Rhode Island: 7732-18-5, 9036-19-5, 78330-21-9

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: January 1, 2014
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Prepared by:



Name & Title

Donald Oldiges, VP of Research & Development

NFPA: Health: 1 Flammability: 0 Reactivity: 0
HMS: Health: 1 Flammability: 0 Reactivity: 0 PPE: B

Notice to reader:

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