



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

SAFETY DATA SHEET

JET-LUBE - MAGIC WRENCH

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 - MAGIC WRENCH
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 Coporate 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

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

<u>Substance/preparation:</u>		Preparation		
<u>Ingredient name</u>	<u>CAS Number</u>	<u>EC Number</u>	<u>%</u>	<u>Classification</u>
White Mineral Oil	8042-47-7	232-455-8	35 - 40	Not classified
1-decene homopolymer	68037-01-4	500-183-1	55 - 65	Not classified
Polybutenes	9003-29-6	Polymer	2 - 5	Not classified
Sorbitan monooleate	1338-43-8	215-665-4	2 - 3	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: 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.

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.

JET-LUBE - MAGIC WRENCH

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: White Mineral Oil	Occupational exposure limits ACGIH (United States (US)) STEL: 10 mg/m ³ Form: Oil Mist, if generated TLV (United States (US)) 5 mg/m ³ Form: Oil Mist, if generated PEL: 5 mg/m ³ Form: Oil Mist, if generated OES (United Kingdom (UK), 9/2006) TWA: 5mg/m ³ . Form: Oil Mist
--	---

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.

9. Physical and chemical properties

Physical state:	Liquid (grease)
Color:	Clear
Odor:	Nil
pH:	Neutral
Boiling point:	<316°C (600.8°F)
Melting point:	>260°C (500°F)
Flash point:	Open cup: > 232°C (450°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:	Not available
Density:	0.84 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

JET-LUBE - MAGIC WRENCH

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, CO₂).

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>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Sorbitan monooleate	LD-50, Draize 72 Hrs.	Nonirritating.	Skin test -	Rabbit
Sorbitan monooleate	LD-50 - 14 days	> 39.8 g/kg	Ingestion	Rat

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

12. Ecological information

Ecotoxicity data

Sorbitan monooleate	Oncorhynchus mykiss	LC50 (96 hour)	> 1000 mg/L
---------------------	---------------------	----------------	-------------

Other ecological information

Persistence/degradability:

<u>Ingredient name</u>	<u>BOD</u>	<u>COD</u>	<u>ThOD</u>
	Not available	Not available	Not available

<u>Ingredient name</u>	<u>Aquatic half-life</u>	<u>Photolysis</u>	<u>Biodegradability</u>
	Not available	Not available	Not available

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

<u>Regulatory information</u>	<u>UN Number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing group</u>	<u>Label</u>	<u>Additional information</u>
-------------------------------	------------------	-----------------------------	--------------	----------------------	--------------	-------------------------------

JET-LUBE - MAGIC WRENCH

ADR/RID Class	Not regulated	-	-	-	-	-
ADNR Class	Not regulated	-	-	-	-	-
IMDG Class	Not regulated	-	-	-	-	-
IATA-DGR Class	Not regulated	-	-	-	-	-
Australia ADG Code	Not regulated	-	-	-	-	Reference SP-AU01

15. Regulatory information

Poison Schedule	Not scheduled		
EU Regulations	This product is not classified according to EU legislation.		
Risk Phrases:	S20/21 - When using do not eat, drink or smoke		
Safety Phrases:	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.		
RCRA Hazard class:	N/A		
NSF Food Registered:	Category H-1 NSF Registration File Number: 048231		
Clean Air Act Sect 112 Hazardous Air Pollutants (HAPs):	None	Volatile Organic Chemicals (VOCs):	Nil
State Right to Know:	New Jersey: Pennsylvania: Massachusetts: Rhode Island :		
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 September 27, 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	
Date of printing:	July 24, 2010
Date of issue:	July 24, 2010
Date of previous issue:	No previous validation
Version:	1

Prepared by:



Name & Title

Donald Oldiges, VP of Research & Development

Notice to reader:

All practical steps have been taken to ensure this data sheet and the health, safety and environmental information contained in this document is accurate as of the date specified above. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet. You should not use the product other than for the stated application or applications without seeking advice from us. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations in the country of use. Jet-Lube is not responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use have the duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. If this material is printed, circulated, distributed or copied in any manner, it is no to be modified without prior written permission, and further, it is to include the wording of the above disclaimer.