



Revision Date: 01/07/2004

Issue date: 09/09/2004

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Hydraulic Jack Oil
Product type: Lubricant
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 30522
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Distillates (petroleum), solvent-refined heavy paraffinic 64741-88-4	60-100	5 mg/m ³ TWA (mist) 10mg/m ³ STEL (mist)	5 mg/m ³ TWA (mist)	None
1-Hexanol, 2-ethyl 104-76-7	0.0-1	None	None	None
Calcium petroleum sulfonate 61789-86-4	0.1-1	None	None	None
Phosphorodithioic acid, O,O-di-C1-14-dialkyl esters, zinc salts 68649-42-3	0.1-1	None	None	None

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****HMIS:**

Physical state: Liquid
Color: Amber
Odor: Slight

HEALTH: 0
FLAMMABILITY: 1
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

CAUTION: MAY CAUSE EYE AND SKIN IRRITATION.

Relevant routes of exposure: Skin, Eyes

Potential Health Effects**Inhalation:**

Harmful effects are not expected from static vapor at ambient temperature. Hydrogen sulphide may be generated when heated above 93.3°C (200°F). This can cause central nervous system effects, nausea, dizziness, confusion, loss of sense of smell, muscle cramps, in-coordination, unconsciousness, coma, respiratory failure or death.

Skin contact:

Prolonged or repeated contact may cause irritation. May cause allergic skin reaction.

Eye contact:

Non-irritating

Ingestion:

Not expected to be harmful by ingestion.

Existing conditions aggravated by exposure:

Skin disorders. Eye disorders.

See Section 11 for additional toxicological information.

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4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If discomfort persists seek medical attention.
Skin contact:	Wash with soap and water. Get medical attention if symptoms develop and persist. Wash clothing before reuse.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention if symptoms develop and persist.

5. FIRE-FIGHTING MEASURES

Flash point:	Greater than 200°C (393°F) Cleveland open cup
Autoignition temperature:	359°C (675°F) estimated
Flammable/Explosive limits-lower %:	Not available
Flammable/Explosive limits-upper %:	Not available
Extinguishing media:	Use dry chemical, CO2, water spray or `alcohol` foam.
Special fire fighting procedures:	Use water spray to keep fire exposed containers cool and disperse vapors. Wear self-contained breathing apparatus and protective suite.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Prevent product from entering drains or open waters.
Clean-up methods:	Soak up with inert absorbent. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Do not breathe mist or vapors. Wash thoroughly after handling.
Storage:	Keep container closed.
Incompatible products:	None.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).
Skin protection:	Cover as much of the exposed skin area as possible with appropriate clothing.
Eyeface protection:	Safety glasses with side-shields. Goggles.

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See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Amber
Odor:	Slight
Vapor pressure:	Less than 0.0001 mm Hg at 20°C (68°F)
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	0.86
Vapor density:	Greater than 10 (air equals 1)
Evaporation rate:	1000 (Ether = 1)
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not available
VOC content:	<1%

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Carbon oxides
Incompatibility:	Strong oxidizing agents.
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION

Product toxicity data: Acute oral LD50 greater than mg/kg (rat)(estimated).

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Distillates (petroleum), solvent-refined heavy paraffinic 64741-88-4	No	No	No
1-Hexanol, 2-ethyl 104-76-7	No	No	No
Calcium petroleum sulfonate 61789-86-4	No	No	No
Phosphorodithioic acid, O,O-di-C1-14-dialkyl esters, zinc salts 68649-42-3	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Distillates (petroleum), solvent-refined heavy paraffinic 64741-88-4	Irritant
1-Hexanol, 2-ethyl 104-76-7	Cardiac, Central nervous system, Immune system, Irritant, Kidney, Liver
Calcium petroleum sulfonate 61789-86-4	No Target Organs
Phosphorodithioic acid, O,O-di-C1-14-dialkyl esters, zinc salts 68649-42-3	No Target Organs

12. ECOLOGICAL INFORMATION

Ecological information: Not available
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13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with Federal, State and local regulations.

EPA hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

WaterTransportation (IMO/IMDG):

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None
Marine pollutant: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: None.

CERCLA/SARA Section 302 EHS: None.
CERCLA/SARA Section 311/312: None.
CERCLA/SARA 313: None.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class: D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Revised to new format.

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