

D.O.C. LUBRICATION SPECIALISTS
MATERIAL SAFETY DATA SHEET

1. **CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

PRODUCT NAME: D.O.C. SPINDLE OIL 10 (KINNEY® Low Temp LR Oil)
PRODUCT CODE: 1761
CHEMICAL FAMILY: PETROLEUM HYDROCARBON; HYDRAULIC OIL
CHEMICAL NAME: MIXTURE (SEE SECTION II)

MANUFACTURER:	EMERGENCY TELEPHONE NUMBERS:
Dennis Oil Company	CHEMTREC: 1-800-424-9300
545 N National	HAZARD RATING: NFPA HMIS
Springfield, Mo. 65802	HEALTH: 0 0
1-800-777-4554	FIRE: 1 0
Preparation Date: 02/09/09	REACTIVITY: 0 0

2. **COMPOSITION/INFORMATION ON INGREDIENTS**

	CAS	CONCENTRATION (%)
DOC SPINDLE OIL 10	Mixture	100
Solvent Refined Heavy Paraffinic Distillate	64741-88-4	0-99
Solvent Refined Light Paraffinic Distillate	64741-89-5	0-99
Minor Additives	Mixture	<2

3. **HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS:

ROUTES OF ENTRY..... Inhalation, skin contact/absorption, eye contact, ingestion.
INHALATION..... Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the mucous membranes of the upper respiratory tract.
SKIN CONTACT..... Product is presumed to be practically non-irritating to the skin. Prolonged contact may result in skin disorders such as dermatitis, oil acne or folliculitis. Accidental release under high-pressure applications may result in injection of oil into the skin causing local necrosis.
EYE CONTACT..... Product is presumed to be practically non-irritating to the eyes.
INGESTION..... Based on component information, product is no more than slightly toxic if swallowed.
CARCINOGENICITY..... This product and its components are not classified as carcinogens by the IARC, NTP or OSHA.

4. **FIRST AID MEASURES:**

EYES..... Flush eyes with water. If irritation occurs, get medical attention.
SKIN..... Remove contaminated clothing/shoes, wipe excess from skin. Wash with soap and water. If irritation occurs, get medical attention. If material is injected under skin, get medical attention promptly to prevent serious damage; do not wait for symptoms to develop.
INHALATION..... Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.
INGESTION..... **DO NOT INDUCE VOMITING.** In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention.
NOTE TO PHYSICIAN..... In general, Emesis induction is unnecessary in high viscosity, low volatility products, I.E., most oils and greases.

5. **FIRE FIGHTING MEASURES**

FLASH POINT..... 380 Deg. F (PMCC)
FLAMMABLE LIMITS/% VOLUME IN AIR:
LOWER..... N/AV
UPPER..... N/AV

EXTINGUISHING MEDIA..... Use water fog, foam, dry chemical or CO₂. **DO NOT** use a direct stream of water. Product will float and can be re-ignited on surface of water.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:

Materials will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES..... May burn although not readily ignitable. Use cautious judgment when cleaning up large spills.

LARGE SPILLS..... Wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent material such as clay, sand or other suitable material; dispose of properly.

SMALL SPILLS..... Take up with an absorbent material and dispose of properly.

7. HANDLING AND STORAGE

Store in a cool dry place with adequate ventilation. Keep away from open flame and high heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION REQUIREMENTS... No special eye protection is routinely necessary, but goggles recommended.

SKIN PROTECTION REQUIREMENTS.. Protective clothing as required to minimize skin contact. Oil impervious gloves recommended.

RESPIRATORY/VENTILATION REQUIREMENTS... If exposure may or does exceed occupational exposure limits use a NIOSH APPROVED respirator to prevent overexposure. In accordance with 29 CFR 1910.134 use either an atmosphere supplying respirator for organic vapors and particulates.

EXPOSURE LIMITS:

OSHA..... PEL/TWA - *5 MG/M3; PEL/CEILING - NONE

ACGIH..... TLV/TWA - *5 MG/M3; TLV/STEL - *10 MG/M3

*Oil Mist, Mineral

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM..... Liquid

COLOR..... Amber liquid

ODOR..... Mild hydrocarbon odor

BOILING POINT..... N/A

MELT POINT/FREEZE POINT... N/A

PH..... N/A

SOLUBILITY IN WATER.. Slight

SPECIFIC GRAVITY..... <1.00 @ 60deg.F

% VOLATILE BY WEIGHT... Not determined

VAPOR PRESSURE..... >1mm Hg.

VAPOR DENSITY..... N/A

10. REACTIVITY

STABILITY..... Stable

HAZARDOUS POLYMERIZATION.... Will not occur

INCOMPATIBILITIES.... Avoid heat, open flame, and oxidizing materials

DECOMPOSITION PRODUCTS..... Thermal decomposition products are highly dependent on the combustion conditions. A complex mixture of airborne solid, liquid, particulates and gases will evolve when this material undergoes pyrolysis or combustion. Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

11. TOXICOLOGICAL INFORMATION

Based upon data available this product is not hazardous under OSHA HAZARD COMMUNICATION (29 CFR 1910.1200).

12. ECOLOGICAL INFORMATION

This product is classified as an oil under SECTION 311 of the CLEAN WATER ACT. Spills entering surface waters or any watercourses or sewers entering/leading to surface waters that cause a sheen must be reported to the NATIONAL RESPONSE CENTER, 800-424-8802.

13. DISPOSAL CONSIDERATIONS

Place in appropriate disposal facility in compliance with local regulations.

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME..... Not applicable

TECHNICAL SHIPPING NAME..... Not applicable

D.O.T. HAZARD CLASS..... Not hazardous by D.O.T. regulations

15. REGULATORY INFORMATION

SARA SECTION 313 SUPPLIER INFORMATION

This product contains the following Toxic Chemicals subject to the reporting requirements of SECTION 313 of the EMERGENCY PLANNING and COMMUNITY RIGHT-TO-KNOW ACT of 1986 and of 40 CFR 372.

NONE

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