

See attached document

M A T E R I A L S A F E T Y D A T A S H E E T

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PRODUCT CODE: 72502

PRODUCT NAME: DRY GRAPHITE LUBE

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

IDENTITY (As Used on Label and List): DRY GRAPHITE LUBE**SECTION I - PRODUCT IDENTIFICATION****MANUFACTURERS NAME AND ADDRESS:**KAR PRODUCTS
461 N. Third Avenue
Des Plaines, IL. 60016**TELEPHONE NUMBERS:**Rush Poison Control (800)752-7869 15
Emergency: (800)752-7869 15
Information: (847)296-6111

Date Entered: 02/05/92

Last Revision: 05/08/97

MSDS Printed: 07/01/97

SYNONYMS:**CHEMICAL FAMILY:**

HAZARD LABEL: Consumer Commodity - ORM-D

MOLECULAR FORMULA: Graphite Lube

MOLECULAR WEIGHT: NE or NA

HMIS RATINGS: (0-4)Health: 2
Flammability: 4
Reactivity: 0**HMIS PROTECTIVE EQUIPMENT****SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

| HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/Common Name) | CAS # | OSHA PEL | ACGIH TLV | OTHER LIMITS | PERCENTAGE |
|---|-----------|----------|-----------|--------------|-------------|
| Hexane (Hexyl hydride; n-Hexane) | 110-54-3 | *500 | 50 | NA | 60.0 - 70.0 |
| Propane | 74-98-6 | 1000 | 1000 | Asphyxiant | 20.0 - 30.0 |
| Isopropyl alcohol (sec-Propyl alcohol; IPA; 2-Propanol) | 67-63-0 | 400 | 400 | 500 stel | 1.0 - 10.0 |
| Graphite as dust | 7782-42-5 | 15mppcf | 2mg/m3 | NE | 1.0 - 10.0 |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**BOILING POINT:** -40.0 °F**MELTING POINT:** NE or NA**PHYSICAL STATES:**
[] Gas
[] Liquid
[X] Solid**SPECIFIC GRAVITY (WATER = 1):** 0.6**VAPOR PRESSURE (MM HG):** . . . 31 at 70.0 °F**VAPOR DENSITY (AIR=1):** . . . 4.0**EVAPORATION RATE:** >1**(Butyl Acetate=1)****SOLUBILITY IN WATER:** Nil**PH:** NA**PERCENT VOLATILE:** 96.8 % by weight.**APPEARANCE AND ODOR:**

Gray in color with solvent odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA**FLASH PT:** -142.0 °F **METHOD USED:** T.C.C.**EXPLOSIVE LIMITS:** LEL: 1.8 UEL: 9.5**AUTOIGNITION PT:** NE or NA**EXTINGUISHING MEDIA:**

Water fog, carbon dioxide, foam, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES:

Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Heated cans may burst.

SECTION V - REACTIVITY DATA**STABILITY:** Unstable [] Stable [X]**CONDITIONS TO AVOID - INSTABILITY:**

NA

INCOMPATIBILITY - MATERIALS TO AVOID:

Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Carbon dioxide.

HAZARDOUS POLYMERIZATION: May occur [] Will not occur [X]**CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION:**

NA

SECTION VI - HEALTH HAZARD DATA**ROUTE(S) OF ENTRY:** Inhalation? Yes Skin? Yes Eyes? Ingestion? Yes Other:**HEALTH HAZARDS (Acute and Chronic):**

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of the skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.

Eye irritation may be severe. May cause cardiac abnormalities. n-Hexane may damage peripheral nerve tissue.

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CARCINOGENITY: NTP? IARC Monographs? OSHA Regulated? NA
RECOMMENDED EXPOSURE LIMITS: LD 50/LC 50:

SIGNS AND SYMPTOMS OF EXPOSURE:

Inhalation - difficulty in breathing. Skin - redness. Ingestion - vomiting.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Heart disease; respiratory disorders.

EMERGENCY AND FIRST AID PROCEDURES:

Give oxygen. Do not induce vomiting. Wash eyes and skin with water for 15 minutes. Get medical help. Never administer adrenalin following overexposure.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Use absorbent sweeping compound to soak up material. Put into container. Dispose of as hazardous waste.

WASTE DISPOSAL METHOD:

Dispose of as hazardous waste in accordance with EPA RCRA.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep away from heat, sparks, or open flames. Store at temperatures below 120 Deg. F.

OTHER PRECAUTIONS:

When using more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

SECTION VIII - CONTROL MEASURES**RESPIRATORY PROTECTION (SPECIFY TYPE):** Use NIOSH approved respirator if TLV limit is exceeded.**VENTILATION:**

Local exhaust.

PROTECTIVE GLOVES: None required if spraying.**EYE PROTECTION:** Safety glasses**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Long sleeves and long pants.**WORK/HYGIENIC/MAINTENANCE PRACTICES:**

Do not smoke while using. Wash hands after use.

SECTION IX - ADDITIONAL COMMENTS**SECTION I:** NFPA Rating: Health - 1, Flammability - 4, Reactivity - 0.**SECTION II:** *All chemical compounds marked with an asterisk(*) are toxic chemicals subject to the reporting requirements of Section 313 of SARA Title III.**SECTION III:** Boiling Point Range: -40 F to 158 F.

This product contains no ozone depleting substances.

NA - Not Applicable/Not Available NE - Not Established ND - Not Determined