

06909-1006**MATERIAL SAFETY DATA SHEET**

3/3/06

THE LION COMPANY, INC.

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PRODUCT / MATERIAL:

S I L I C O I L B R U S H C L E A N I N G F L U I D

MANUFACTURER: THE LION COMPANY, INC.

ADDRESS: 22 CARRIAGE DRIVE
LEXINGTON, MA 02420

(781) 652-8500

SECTION I - PRODUCT IDENTIFICATION

TRADE NAME: Silicoil Brush Cleaning Fluid

CHEMICAL FAMILY: Petroleum Hydrocarbon / Terpene

FORMULA: Mixture of petroleum hydrocarbon (kerosene and mineral spirits) with less than 10% distilled turpentine

DOT HAZARD CLASS: Combustible Liquid

SECTION II - HEALTH / SAFETY ALERT

DANGER

HARMFUL OR FATAL IF SWALLOWED
do NOT induce vomiting

COMBUSTIBLE

EMERGENCY PHONE: (781)652-8500

SECTION III - HEALTH HAZARD INFORMATION

EYE: Liquid may cause irritation. Excessive exposure to vapors, fumes or mists may cause irritation.

SKIN: Repeated and /or prolonged contact may cause irritation and/or dermatitis.

INHALATION: Repeated or prolonged exposure to vapors, fumes or mists may cause irritation of the respiratory tract. In addition to causing headache, dizziness and/or drowsiness (CNS depression).

INGESTION: Aspiration of material into the lungs can cause chemical pneumonia.**SECTION IV - EMERGENCY AND FIRST AID PROCEDURES**

EYE: Flush with large amount of water. If irritation develops, seek medical aid.

SKIN CONTACT: Wash skin with soap and water.

INHALATION: Remove from exposure.

INGESTION: DO NOT INDUCE VOMITING / POSSIBLE ASPIRATION HAZARD. Immediately seek medical aid.

SECTION V - RECOMMENDED OCCUPATIONAL EXPOSURE LIMIT / HAZARDOUS INGREDIENTSEXPOSURE LIMIT (PRODUCT):
Observe Exposure Limit of 100ppm (normal 8 hr workday).**SECTION VI - REACTIVITY DATA**

CONDITIONS CONTRIBUTING TO INSTABILITY: Not applicable

INCOMPATIBILITY: May react with strong oxidizing agents, strong acids and selected amines.

HAZARDOUS REACTION / DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: Not applicable.

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SECTION VII - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT: 127 F (P.M.C.C) AUTOIGNITION TEMP.: NA

FLAMMABLE LIMITS (% BY VOLUME / AIR): LOWER: .07 UPPER: 5.0

EXTINGUISHING MEDIA: Drychemical (preferred), foam, water

FIRE AND EXPLOSION HAZARDS: Moderate when exposed to heat or flame.

SECTION VIII - PHYSIOLOGICAL EFFECTS & HEALTH INFORMATION

EYE EFFECTS: This products may be an eye irritant.

SKIN EFFECTS: This product may cause skin irritation upon prolonged or repeated contact.

SYSTEMIC EFFECTS: Various studies have shown a possible association with exposure to this product and the following: Narcosis in high concentration.

SECTION IX - SPECIAL PROTECTION INFORMATION

EYE PROTECTION (USE MOST APPROPRIATE): Chemical goggles

SKIN PROTECTION: Neoprene, Polyvinyl alcohol, butyl rubber or Polyethylene gloves. Protective garment as required.

RESPIRATORY PROTECTION: Not normally required for ambient air concentrations not exceeding the occupational exposure limit. Chemical cartridge respiratory for concentrations exceeding the occupational exposure limit.

VENTILATION: Use general ventilation. Local exhaust is suggested for use in enclosed or confined areas.

HANDLING: Avoid skin contact or breathing of vapors, mists, or fumes. Do not wear contaminated clothing. Launder before reuse, or discard.

STORAGE: Follow methods advocated for the safe handling and store in a cool, well-ventilated area away from possible sources of ignition.

OTHER: Wash skin thoroughly with soap and water and/or waterless skin cleanser after handling. Clean empty containers properly and thoroughly before discarding or reuse.

SECTION X - SPILL AND LEAK PROCEDURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Keep sources of ignition and hot metal surfaces isolated from the spill. Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbant.

WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state and federal regulations.

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SECTION XI - PHYSICAL DATA

BOILING POINT: NA
OVERPOINT: 325 - 358 F
MELTING POINT: NA
VAPOR PRESSURE: Est. > 1mm @ 20 C
VAPOR DENSITY (Air = 1): Est. 4.5
SOLUBILITY IN WATER: Negligible
SPECIFIC GRAVITY @ 60 F: .8044 gms/cm³
A.P.I GRAVITY @60 F 44.4

UN NUMBER 1223
SHIPPING NAME KEROSENE
OCCIDENTAL CHEMICAL 1-800 752-5151
% VOLATILE BY VOL: 10
VISCOSITY: 1.5 - 1.7
(CST) # 100°F
LB / GALLON: 6.697
GALLONS / LB: .01493
POUR POINT: -42 to -60 F
FLASH POINT (PMCC) 127°F
TLN: IMineral Splrlts)
OSHA-500, AC61H 100

APPEARANCE:
Clear, colorless liquid

PREPARED BY: ANTEC. INC. LABORATORY LOUISVILLE, KY.
FOR: THE LION CO. INC.

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