

800575
FISKE BROTHERS REFINING CO.

(ESTABLISHED 1870)

FEB 06 1988

DAVIS-HOWLAND OIL CORP.
200 ANDERSON AVENUE
ROCHESTER, NY 14607

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME Fiske Brothers Refining Company		EMERGENCY TELEPHONE NO. 419-691-2491
ADDRESS (Number, Street, City, State, and ZIP Code) 1500 Oakdale Avenue, P.O. Box 8038 - Station "A", Toledo, Ohio 43605		
CHEMICAL NAME AND SYNONYMS Lubricating Grease or Oil	TRADE NAME AND SYNONYMS: LUBRIPLATE Spray-Lube "A" (Aerosol)	
CHEMICAL FAMILY Primarily Petroleum Hydrocarbons	FORMULA Grease, Solvent, and Propellant	

SECTION II HAZARDOUS INGREDIENTS

	S	TLV (Units)
1,1,1 - Trichlorethane CAS No. 71-55-6	50	350 ppm
Propane CAS No. 74-98-6	20	1000 ppm

SECTION III PHYSICAL DATA

BOILING POINT (°F.) (Aerosol)	N.A.	SPECIFIC GRAVITY (H ₂ O=1) Of Product	0.94
VAPOR PRESSURE (mm Hg.) (Aerosol @ 130°F)	110 PSIG	PERCENT VOLATILE BY VOLUME (%)	70
VAPOR DENSITY (AIR=1)	> 1	EVAPORATION RATE (Ether = 1) Aerosol	Faster
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Off-white mist with odor of chlorinated solvent from Aerosol can.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Propellant < 0°F	FLAMMABLE LIMITS N.D.	Lel	Uel
EXTINGUISHING MEDIA Foam, dry chemical, carbon dioxide			
SPECIAL FIRE FIGHTING PROCEDURES Use air-supplied rescue equipment for enclosed areas. Keep containers cool, Use shielding to protect personnel against bursting containers.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Do not spray near open flame. At elevated temperatures (over 130°F) aerosol containers may vent, burst, or rupture.			

SECTION V REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID Avoid spraying into open flame or onto red hot surfaces.
	STABLE		
'INCOMPATIBILITY' (Materials to avoid) Strong oxidizers, strong alkalis, reactive metals			
HAZARDOUS DECOMPOSITION PRODUCTS May form carbon monoxide, hydrogen chloride, Phosgene (Small amounts)			
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VI HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II, Oil Mist in Air 5 mg/m³ OSHA CER 1910.1000

EFFECTS OF OVEREXPOSURE

INHALATION is the most likely method of exposure. Minimal effects are expected at levels below the TLV of components. Dizziness, drowsiness, coughing, nasal, or throat irritations at higher levels. Exposure to 1,1,1 trichlorethane may aggravate individuals suffering from acute and chronic liver disease, and rhythm disorders of the heart. These effects are believed not to occur in well individuals at exposures below the recommended levels.

EMERGENCY AND FIRST AID PROCEDURES

NOTE TO PHYSICIAN: This product contains a chlorinated solvent. Use of epinephrine (adrenalin) type drugs may precipitate cardiac dysrhythmias. **INHALATION:** Remove to fresh air. If breathing has stopped, administer artificial respiration. Get medical help immediately. **EYES:** Flush with clear water for 15 minutes. If irritation persists, consult a physician. **SKIN:** Remove contaminated clothing and wash thoroughly with soap and water. **INGESTION:** If swallowed, do not induce vomiting. Call a physician.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove sources of ignition, ventilate area. Use appropriate safety equipment to enter area. Allow time for vapors to be below their TLV. Add oil absorbent and clean area.

Keep petroleum products out of sewers and water courses.

WASTE DISPOSAL METHOD

Do not puncture or incinerate containers. Give empty, leaking, or full containers to a disposal service equipped to safely handle and dispose of pressurized containers.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Need approved organic vapor mask if TLV is exceeded.

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES

Use oil-impervious gloves

EYE PROTECTION

Use goggles or face shield

OTHER PROTECTIVE EQUIPMENT

Use oil-resistant apron, if needed

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool, dry area out of direct sunlight. Do not puncture or incinerate, or heat full or empty containers above 130°F.

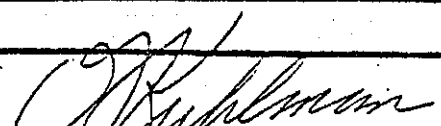
OTHER PRECAUTIONS

Please read and follow the directions on the product label. Keep away from children.

DATE PREPARED

November, 1985

PREPARED BY:


O. B. Kuhlman, Technical Advisor