

MATERIAL SAFETY DATA SHEET

191676 LUBRICATING VACUUM PUMP OIL

Revision Date:5/1/99

Section I - Product Identification

Manufacturer's Name A.B.DICK COMPANY	Emergency Phone Number (24 Hours) CHEMTREC @ (800)424-9300
Street Address 7400 CALDWELL AVENUE	MSDS Request Phone Number: 1-800-752-5139, Ext. 2745
City, State, Zip Code NILES, ILLINOIS 60714	For MSDS via Fax: 1-800-995-0088
Product Use: VACUUM PUMP LUBRICATION.	Date Prepared: February 13, 1995
Chemical Name, Trade Name, Synonyms: N.A.	Prepared By: Kenneth W. Pinter

HMIS RATING

1 - Health 1 - Flammability 0 - Reactivity A - Personal Protection

Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
CONTAINS NO KNOWN HAZARDOUS MATERIALS	N.A.	N.A.	OIL MISTS: 5 mg/M3 5 mg/M3		
OTHER INGREDIENTS: REFINED MINERAL OILS	N.D.	>90			
ADDITIVES AND/OR OTHER INGREDIENTS.	N.D.	<10			

Section III - Physical Data

Boiling POINT(F): 600+	pH: N.A.
Vapor Pressure(mm Hg): < 0.1	Freezing Point(F): N.A.
Vapor Density (AIR = 1): N.D.	% Volatile By Volume: N.A.
Specific Gravity (H2O=1): 0.898	Color And Odor: BROWN/MINERAL OIL ODOR
Odor Threshold: N.D.	Physical State: LIQUID.
Evaporation Rate (Butyl Acetate = 1): N.D.	
Solubility in Water: NEGLIGIBLE.	

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): 350(F) (ASTM - 92)	Flammable Limits: LEL: .6 UEL: 7.0
Auto-ignition Temperature: N.D.	
Extinguishing Media: FOAM / CO2 / DRY CHEMICAL / WATER FOG	
Special Fire Fighting Procedures: WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO KEEP EXPOSED CONTAINERS COOL. FOR FIRES IN ENCLOSED AREAS, FIREFIGHTERS MUST USE SELF-CONTAINED BREATHING APPARATUS. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS OR DRINKING WATER SUPPLY.	
Unusual Fire And Explosion Hazards: NONE.	

Section V - Reactivity Data

Stability	Unstable : Conditions to Avoid: STRONG OXIDIZERS.
	Stable : X EXTREME HEAT.

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Incompatibility (Materials to Avoid): OXIDIZING MATERIAL

Hazardous Decomposition Products: CO / CO2 / SMOKE.

Hazardous | May Occur: | Conditions to Avoid: STRONG OXIDIZERS.
Polymerization | Will Not Occur: X |

Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN.

Oral Ingestion: NOT EXPECTED TO BE A PROBLEM.

Eye Contact: CAUSED NO SIGNIFICANT IRRITATION TO RABBITS.

Skin Contact: NOT IRRITATING TO RABBITS AFTER 24 HOURS CLOSED PATCH CONTACT.

Inhalation: NOT EXPECTED TO BE A PROBLEM.

Effects of Overexposure: MAY CAUSE EYE AND SKIN IRRITATION.

Medical Conditions Generally | N.D.
Aggravated by Exposure

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

Eye: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

Skin: WASH WITH SOAP AND WATER.

Inhalation: N.A.

Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50 (RATS)	Dermal LD50 (RABBITS)
191676	NONTOXIC	>5 G/KG	>2 G/KG

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
ABSORB WITH SAND OR OTHER ABSORBENT MATERIALS, SWEEP UP. DISPOSE OF AT AN

