

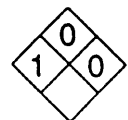
710-2768

710-2781


IDEAL INDUSTRIES, INC.

Flammability

Health



Reactivity

HMIS Rating

MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) Optic-Lube™ Fiber Optic Cable Pulling Lubricant		CATALOG NUMBER All "31" Series
MANUFACTURER'S NAME Ideal Industries, Inc.		EMERGENCY TELEPHONE NO. (815) 895-5181
ADDRESS (Number, Street, City, State, Zip Code) Becker Place, Sycamore, IL 60178		
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) None		
CHEMICAL DESCRIPTION Polymer-based Lubricant	FORMULA Proprietary	

SECTION I - INGREDIENTS

CAS REGISTRY NO.	%W	CHEMICAL NAME(S)	Listed as a Carcinogen in NTP, IARC or OSHA 1910(z) (specify)
	<85	Water	No
4080-31-3	<1	Preservative	No
PROPRIETARY	<5	Methyl Emulsion	No
9038-95-3	<5	Polyalkylene Glycol	No
TRADE SECRET	<1	Carboxylic Amine Salt	No
124-68-5	<1	Amino-Methyl-Propanol	No
PMN# P-86-1109	<10	Polyacrylic Acid Thickener	No

SECTION II - PHYSICAL DATA

BOILING POINT 212°F °C	SPECIFIC GRAVITY (H ₂ O=1) 0.97	PERCENT VOLATILE BY VOLUME (%) ~80
SOLUBILITY IN WATER Infinite	pH = 7.0 - 7.5	PERCENT SOLID BY WEIGHT (%) ~20
APPEARANCE AND ODOR Green viscous gel, neutral odor		IS MATERIAL: LIQUID GAS SOLID PASTE GEL POWDER

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT None	method used C.O.C	FLAMMABLE LIMITS LEL N/A	UEL N/A
EXTINGUISHING MEDIA None normally required			
SPECIAL FIRE FIGHTING PROCEDURES Use extinguishing media suitable for surrounding materials.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

* None of the chemical raw materials contained in this formulation are considered hazardous under the Federal Hazards Communication Standard 29 C.F.R. 1910.1200

SECTION IV - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE - Conditions to Avoid	None normally expected. Upon prolonged contact, may cause temporary eye discomfort.
THRESHOLD LIMIT VALUE	N.E.
PRIMARY ROUTES OF ENTRY	Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)
EMERGENCY FIRST AID PROCEDURES	Wash with soap and water.
SKIN CONTACT:	
EYE CONTACT:	Flush with water for 15 minutes.
INGESTION:	Do not induce vomiting. Consult physician

SECTION V - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID	Avoid prolonged storage at temperatures above 120 F.
	STABLE	X		
INCOMPATIBILITY (materials to avoid)			Strong oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS:			Oxides of carbon	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	None
	WILL NOT OCCUR	X		

SECTION VI - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Clean up immediately as can be slippery and dangerous. Use absorbent media and shovel up.		
WASTE DISPOSAL METHOD	Comply with Federal, state and local regulations.		
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)	N/A		
RCRA HAZARDOUS WASTE NO. (40CFR 261.33)	N/A		
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	N/A		
<input type="checkbox"/> Theoretical _____ lb/gal	N/A	<input type="checkbox"/> Analytical _____ lb/gal	N/A

SECTION VII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)	None normally required		
VENTILATION	LOCAL EXHAUST (Specify Rate)	None	SPECIAL None
	MECHANICAL (General) (Specify Rate)	None	OTHER None
PROTECTIVE GLOVES (specify type)	Neoprene	EYE PROTECTION (specify type)	Safety goggles
OTHER PROTECTIVE EQUIPMENT	None		

SECTION VIII - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store indoors between 40 - 120 F. Avoid freezing
OTHER PRECAUTIONS	Keep away from children, infants and pets.

SECTION IX - ADDITIONAL INFORMATION

Avoid freezing. If frozen, warm to room temperature before use.

N/A = Not Applicable, N.E. = None Established

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

Name	Ronald Petersen	SIGNATURE 
Title	Senior Product Development Chemist	
Date	09/15/94	