



**HMIS Rating**  
 WHMIS Hazard  
 Class: Non-Hazardous

# **MATERIAL SAFETY DATA SHEET**

## **GENERAL INFORMATION**

PRODUCT NAME OR NUMBER (as it appears on label) <b>YELLOW 77® Wire Pulling Lubricant</b>	CATALOG NUMBER All "31" Series
MANUFACTURER'S NAME <b>IDEAL INDUSTRIES, INC.</b>	EMERGENCY TELEPHONE NO. <b>(815) 895-5181</b>
ADDRESS (Number, Street, City, State, Zip Code) <b>Becker Place, Sycamore, IL 60178</b>	
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) None	
CHEMICAL DESCRIPTION Water-Wax Emulsion	FORMULA Proprietary

## **SECTION I - INGREDIENTS**

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)*	Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)
7732-18-5	<90	Water	No
64742-43-4	<5	Paraffin Wax	No
8009-03-8	<3	Petrolatum	No
64742-53-6	<3	Napthenic Mineral Oil (See *A)	No
9005-08-7	<4	Polyethylene Glycol Ester	No
61791-44-4	<1	Ethoxylated Alkyl Amine	No
25265-71-8	<0.1	Perfume	No
9004-32-4	<1	Cellulose Gum	No
4080-31-3	<1	Anti-microbial Agent	No
6358-31-2	<0.1	Yellow Pigment	No

## **SECTION II - PHYSICAL DATA**

BOILING POINT 212°F 100°C	SPECIFIC GRAVITY (H <sub>2</sub> O=1) 0.98	PERCENT VOLATILE BY VOLUME (%) <90
SOLUBILITY IN WATER Moderate	pH = 7.0 - 8.5	PERCENT SOLID BY WEIGHT (%) ~20
APPEARANCE AND ODOR Yellow paste, slight perfume odor	IS MATERIAL: LIQUID SOLID GEL GAS <u>PASTE</u> POWDER	

## **SECTION III - FIRE AND EXPLOSION HAZARD DATA**

FI ASH POINT None	method used C.O.C.	FLAMMABLE LIMITS LEL None	UEL None
EXTINGUISHING MEDIA Use extinguishing media suitable for surrounding materials.			
SPECIAL FIRE FIGHTING PROCEDURES Self-contained respiratory protection should be provided for fire fighters. Keep fire exposed containers cool with water.			
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

\*A Oil is Severely hydrotreated with a polymorphonuclear content at less than 0.1% and meets OSHA 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 F	
PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (specify)	
EMERGENCY FIRST AID PROCEDURES	
SKIN CONTACT:	Wash with soap and water for 15 minutes.
EYE CONTACT:	Flush with water for 15 minutes. Inhalation - Move to fresh air.
INGESTION:	Induce vomiting. Consult physician or local poison control center.

**SECTION V - REACTIVITY DATA**

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID
	STABLE		None
INCOMPATIBILITY (materials to avoid)			
Avoid strong oxidizers.			
HAZARDOUS DECOMPOSITION PRODUCTS:			
Excessive heat and humidity may release oxides of carbon and nitrogen.			
HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID
	WILL NOT OCCUR		None

**SECTION VI - SPILL AND LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED			
Wipe up, shovel or vacuum spilled material. Clean up spills immediately as they can be dangerously slippery.			
WASTE DISPOSAL METHOD			
Comply with Federal, state and local regulations for solid landfill.			
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs)			
None Required			
RCRA HAZARDOUS WASTE NO. (40CFR 261.33)			
None Required			
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)			
None			
3 Theoretical _____ lb/gal		N/A	3 Analytical _____ lb/gal
			N/A

**SECTION VII - PERSONAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type)			
None normally required			
VENTILATION	LOCAL EXHAUST (Specify Rate)	None	SPECIAL
	MECHANICAL (General) (Specify Rate)	Recommended in closed areas.	OTHER
PROTECTIVE GLOVES (specify type)		EYE PROTECTION (specify type)	
None normally needed -Neoprene if necessary		Safety glasses or splash goggles.	
OTHER PROTECTIVE EQUIPMENT			
Eye fountain in work area is recommended.			

**SECTION VIII - SPECIAL PRECAUTIONS**

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

**SECTION IX - ADDITIONAL INFORMATION**

If material is used in extreme heat (>120° F), prolonged and repeated exposure could pose a risk of pulmonary disease. Exposure below mist TLV (5mg/m) appears to be without risk.	
This product contains the following materials that are subject to the reporting requirements of Section 313 of EPCRA:	
CAS # 4080-31-3, 1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride, 0.2%	
N/A = Not Applicable, N.E. = None Established	
THIS MATERIAL SAFETY DATA SHEET PREPARED BY:	
NAME	James R. MacMurdo
TITLE	Quality Assurance Manager
DATE	12/3/2002
SIGNATURE	
	