



# MATERIAL SAFETY DATA SHEET

## GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) <b>YELLOW 77® PLUS 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 NO., 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	<5	Petrolatum U.S.P	No
8042-47-5	<5	White Mineral Oil U.S.P (See *A)	No
9005-08-7	<5	Poly(oxy-1,2-ethanediyl), a-(1-oxo-9-octadecenyl)-w-(1-oxooctadecyl)oxy-	No
9002-84-0	<1	Teflon®	No
61791-44-4	<1	Ethanol, 2,2'-iminobis-,N-tallow alkyl derivs	No
9003-01-4	<1	Carbomer Thickener	No
124-68-5	<1	1-Propanol, 2-amino-2-methyl	No
4080-31-3	<1	Antimicrobial Agent	No
5989-27-5	<1	Lemon Fragrance	No
6358-31-2	<0.1	Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo-	No

## SECTION II - PHYSICAL DATA

BOILING POINT 212°F 100°C	SPECIFIC GRAVITY (H <sub>2</sub> O=1) 0.93	PERCENT VOLATILE BY VOLUME (%) <90
SOLUBILITY IN WATER Moderate	pH = 6.5 - 7.5	PERCENT SOLID BY WEIGHT (%) ~15
APPEARANCE AND ODOR Yellow creamy paste, slight odor	IS MATERIAL: LIQUID SOLID GEL GAS <u>PASTE</u>	

## SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH 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.  
Teflon® is a registered trademark of E.I. DuPont de Nemours & Company.

**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	
None established	
PRIMARY ROUTES OF ENTRY Inhalation <input checked="" 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: Remove to fresh air
INGESTION:	
Administer water or milk. Consult physician or local poison control center	

**SECTION V - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	None
INCOMPATIBILITY (materials to avoid)			
Avoid strong oxidizers.			
HAZARDOUS DECOMPOSITION PRODUCTS:			
Excessive heat and burning may release oxides of carbon and nitrogen			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	Avoid prolonged storage at temperatures above 120 F.

**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 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			
<sup>a</sup> Theoretical _____ lb/gal		N/A	<sup>a</sup> 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	
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 TLV (5mg/m) appears to be without risk.	
<b>This product contains the following materials that are subject to the reporting requirements of Section 313 of EPCRA:</b>	
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	