



**T**  **Equipment**  
**.NET**

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Flammability

Health

Reactivity

HMIS Rating

0	0
1	0

# MATERIAL SAFETY DATA SHEET

## GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) Aqua-Gel® CW Wire Pulling Lubricant		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 Polymer-based Mixture	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	<45	Water	No
4080-31-3	<0.1	2-Bromo-2-Nitropropane 1,3 Diol	No
25322-68-3	<60	Polyethylene Glycol	No
124-68-5	<1	Amino-Methyl-Propanol	No
102-71-6	<0.5	Triethanloamine	No
9003-01-4	<1	2-Propanoic Acid	No
205-199-48	<0.01	Red Pigment	No

### SECTION II - PHYSICAL DATA

BOILING POINT 212 °F 100 °C	SPECIFIC GRAVITY (H <sub>2</sub> O=1) 1.10	PERCENT VOLATILE BY VOLUME (%) <45
SOLUBILITY IN WATER Infinite	pH = 7.5 - 8.5	PERCENT SOLID BY WEIGHT (%) ~60
APPEARANCE AND ODOR Pink gel mild odor	IS MATERIAL: LIQUID SOLID (GEL) GAS PASTE	

### 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 None				
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 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:	Administer water or milk. Consult physician or local poison control center.

**SECTION V - REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Avoid prolonged storage at temperatures exceeding 190 F
INCOMPATIBILITY (materials to avoid)			
Avoid Strong oxidizers and nitrates			
HAZARDOUS DECOMPOSITION PRODUCTS:			
Oxides of carbon and nitrogen			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	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)	N/A
RCRA HAZARDOUS WASTE NO. (40CFR 261.33)	N/A
VOLATILE ORGANIC COMPOUND (VOC) (as packaged, minus water)	N/A
<sup>a</sup> Theoretical _____ lb/gal	N/A
<sup>b</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	None
	MECHANICAL (General) (Specify Rate)	Recommended in closed areas	OTHER	None
PROTECTIVE GLOVES (specify type)	None normally needed-Neoprene if necessary	EYE PROTECTION (specify type)	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 - 180 F. Avoid freezing.
OTHER PRECAUTIONS	Keep away from children, infants and pets.

**SECTION IX - ADDITIONAL INFORMATION**

Do not mix with nitrites. Under extreme temperatures, contact with nitrites could result in the formation of nitrosomes which are potential carcinogens.
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N/A = Not Applicable, N.E. = None Established

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

NAME	James R. MacMurdo	SIGNATURE
TITLE	Director, Corporate Quality Assurance	
DATE	10/31/2005	

*James R. MacMurdo*

