

# MATERIAL SAFETY DATA SHEET

## GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label) <b>Aqua-Gel® IIP Pourable 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 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	<95	Water	No
10043-35-3, 102-71-6, 141-43-5, 165445-22-7, 693-23-2	<1	Proprietary Mixture of Boric Acid, TEA, MEA, Succinic Acid Salt Ester, Dodecanedioic Acid	No
52-51-7	<0.1	2-Bromo-2-Nitropropane 1,3 Diol	No
9038-95-3	<10	Oxirane, Methyl-, Polymer With Oxirane, Monobutyl Ether	No
9003-11-6	<5	Poly(oxy-1,2-ethanediyl), a-(1-oxo-9-octadecenyl)-w-(1-oxooctadecyl)oxy-	No
3844-45-9 7757-82-6 7647-14-5	<0.01	Blue Pigment	No
1310-58-3	<2	20% Potassium Hydroxide	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 Infinite	pH = 7.0 - 8.0	PERCENT SOLID BY WEIGHT (%) ~10
APPEARANCE AND ODOR Aqua pourable gel, mild color	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 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 EYE CONTACT: Flush with water INGESTION: Do not induce vomiting. 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 nitrites.			
HAZARDOUS DECOMPOSITION PRODUCTS: In the unlikely event of combustion or dried residue, oxides of carbon and nitrogen may be released.			
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) None	
<sup>g</sup> Theoretical _____ lb/gal	N/A
<sup>g</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) None normally needed - Neoprene if necessary.		EYE PROTECTION (specify type) None normally required. Safety glasses or splash goggles recommended.	
OTHER PROTECTIVE EQUIPMENT Eye fountain in work area is recommended but not necessary.			

**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**

Extreme temperatures of combustion or burning and contact with nitrites could result in the formation of nitrosamines which are potential carcinogens. This condition is unlikely to occur.
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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	10/17/07	