MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

PRODUCT NAME OR NUMBER (as it appears on label)
ClearGlide™ Wire 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 Mixture

FORMULA
Proprietary

SECTION I - INGREDIENTS

<table>
<thead>
<tr>
<th>CAS REGISTRY NO.</th>
<th>%W</th>
<th>CHEMICAL NAME(S)*</th>
<th>Listed as a carcinogen in NTP, IARC or OSHA 1910(z) (specify)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7732-18-5</td>
<td>&lt;98</td>
<td>Water</td>
<td>No</td>
</tr>
<tr>
<td>6440-58-0</td>
<td>&lt;1</td>
<td>DMDM Hydantoin</td>
<td>No</td>
</tr>
<tr>
<td>9038-95-3</td>
<td>&lt;5</td>
<td>Oxirane, Methyl-, Polymer With Oxirane, Monobutyl Ether</td>
<td>No</td>
</tr>
<tr>
<td>9003-11-6</td>
<td>&lt;1</td>
<td>Amino-Methyl-Propanol</td>
<td>No</td>
</tr>
<tr>
<td>25322-68-3</td>
<td>&lt;1</td>
<td>Polyethylene Glycol</td>
<td>No</td>
</tr>
<tr>
<td>9003-01-4</td>
<td>&lt;1</td>
<td>Carbomer Thickener</td>
<td>No</td>
</tr>
<tr>
<td>68037-64-9</td>
<td>&lt;1</td>
<td>Silicone Glycol Blend</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION II - PHYSICAL DATA

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Reactivity</th>
<th>HMIS Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BOILING POINT</th>
<th>SPECIFIC GRAVITY (H₂O=1)</th>
<th>PERCENT VOLATILE BY VOLUME (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>212°F/99.9°C</td>
<td>1.09</td>
<td>&lt;98</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SOLUBILITY IN WATER</th>
<th>pH</th>
<th>PERCENT SOLID BY WEIGHT (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinite</td>
<td>7.0 - 8.0</td>
<td>~5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APPEARANCE AND ODOR</th>
<th>IS MATERIAL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear, colorless gel, slight odor</td>
<td>LIQUID</td>
</tr>
<tr>
<td></td>
<td>SOLID</td>
</tr>
<tr>
<td></td>
<td>GEL</td>
</tr>
<tr>
<td></td>
<td>PASTE</td>
</tr>
<tr>
<td></td>
<td>POWDER</td>
</tr>
</tbody>
</table>

SECTION III - FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>FLASH POINT</th>
<th>Method used</th>
<th>FLAMMABLE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>C.O.C</td>
<td>LEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>UEL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXTINGUISHING MEDIA</th>
<th>( \text{None} )</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>SPECIAL FIRE FIGHTING PROCEDURES</th>
<th>( \text{None} )</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>UNUSUAL FIRE AND EXPLOSION HAZARDS</th>
<th>( \text{None} )</th>
</tr>
</thead>
</table>

* 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

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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 ☐ Skin Contact ☐ 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
Avoid prolonged storage at temperatures exceeding 190 F.

STABLE X

INCOMPATIBILITY (materials to avoid)
Avoid strong oxidizers and nitrates.

HAZARDOUS DECOMPOSITION PRODUCTS:
Oxides of carbon, nitrogen and silicone

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
Wipe up, shovel or vacuum spilled material. Clean up spills immediately as they can be dangerously slippery.

WASTE DISPOSAL METHOD
Comply with Federal, state or 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)
17.4 gms / ltr

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 None
MECHANICAL (General) (Specify Rate) Recommended in closed areas.
OTHER None

PROTECTIVE GLOVES (specify type)
None normally required.

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

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

THIS MATERIAL SAFETY DATA SHEET PREPARED BY:

NAME Darryl Docter SIGNATURE
TITLE Manager Quality Assurance
DATE 02-13-14

ClearGlide™ Wire Pulling Lubricant