SECTION 1: IDENTIFICATION

Product Name: Hard-Kut Hi-Performance Metal-Working Lubricant 80-766, 80-767 and 80-777

Manufactured For: Kimball Midwest
4800 Roberts Road
Columbus, OH 43228

Information Phone Number: (800) 233-1294

Emergency Phone Number: Chemtrec (800) 424-9300

Product Use: Metalworking lubricant/coolant for cutting metals

Restriction on Use: None known

SDS Date of Preparation: 5/6/2015

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification (Hazcom-2012):

<table>
<thead>
<tr>
<th>Physical</th>
<th>Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Hazardous</td>
<td>Not Hazardous</td>
</tr>
</tbody>
</table>

Labeling Elements:

None required

Hazard statement(s) | Precautionary statement(s)
None | None

Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-hazardous Ingredients</td>
<td>Proprietary</td>
<td>100%</td>
</tr>
</tbody>
</table>

The specific identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye: Flush eyes with water, holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of water. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

Ingestion: If large amounts ingested, seek medical attention.
Most Important symptoms and effects, both acute and delayed: May cause slight eye and skin irritation. Inhalation of vapors or mist may cause respiratory irritation.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention generally not required.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: Use media that is suitable for the surrounding fire.

Special Hazards Arising from the Chemical: This product is not classified as combustible. Thermal decomposition may yield oxides of carbon and unidentified compounds.

Special Equipment and Precautions for Fire-Fighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard.

Environmental Hazards: Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal. Clean area thoroughly.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact. Avoid inhalation of vapor or mist. Do not transfer to unlabeled containers.

Conditions for Safe Storage, Including any Incompatibilities: Store at room temperature away from extreme heat and open flames.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-hazardous Ingredients</td>
<td>None Established</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to minimize exposure levels. If the product is used at high temperatures, local exhaust ventilation may be required.

Individual Protection Measures:
Respiratory Protection: In operations where exposures are excessive, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection: If skin irritation occurs, impervious gloves such as rubber or nitrile recommended where needed to avoid skin contact

Eye Protection: Safety glasses or goggles recommended where needed to avoid eye contact.
**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Green semi paste</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight almond odor</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not established</td>
</tr>
<tr>
<td>pH</td>
<td>6.0-6.5</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>0ºC (32ºF)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>107.22º (225ºF)</td>
</tr>
<tr>
<td>pH</td>
<td>6.0-6.5</td>
</tr>
<tr>
<td>Vapor Density (air = 1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0365</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Dispersable</td>
</tr>
<tr>
<td>Octanol/Water Partition Coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion Properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>Not established</td>
</tr>
<tr>
<td>LEL</td>
<td>Not established</td>
</tr>
<tr>
<td>UEL</td>
<td>Not established</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not established</td>
</tr>
</tbody>
</table>

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Extreme heat and freezing.

Incompatible Materials: Avoid magnesium as this product is water based.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon and other unidentified compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Potential Health Effects:

Eye: May cause mild irritation.

Skin: Prolonged contact may cause irritation and drying of the skin.

Inhalation: No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause respiratory irritation.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea.

Chronic Hazards: Prolonged skin contact may cause an allergic reaction.

Carcinogen Status: None of the other components of this product are listed as carcinogens by OSHA, IARC, NTP, or the EU CLP.

Acute Toxicity Values: No data available. Components are not acutely toxic.
SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:  
No data available. This product is not expected to be harmful to the environment

Persistence and Degradability:  
Product is degradable. Unsealed will begin to degrade rapidly.

Bioaccumulative Potential:  
No data available

Mobility in Soil:  
No data available

Other Adverse Effects:  
None known

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, regional and national regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name:  
Not regulated

DOT Technical Name:  
None

DOT Hazard Class:  
None

UN Number:  
None

DOT Labels Required (49CFR172.101):  
None

IMDG Shipping Description:  
Not regulated

ID Number:  
None

Hazard Class:  
None

Packing Group:  
None

Labels Required:  
None

Marking Required:  
None

Placards Required:  
None

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ:  
This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312):  
Not hazardous

SARA 313:  
This product contains the following chemicals regulated under SARA Title III, section 313:  
None.

EPA TSCA Inventory:  
All of the components of this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65:  
This product contains trace amounts of substances known to the state of California to cause cancer and/or reproductive toxicity.
Revision Summary: New format to comply with OSHA Hazcom 2012

SDS Date of Preparation/Revision: 5/6/2015

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