

**HARD-KUT**  
**80-766, 80-767 and 80-777**  
**Hi-Performance Metal-Working Lubricant**  
**SAFETY DATA SHEET**

**DATE: 4/20/2014**

---

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

---

**PRODUCT NAME:** HARD-KUT Metal Working Lubricant

**SYNONYMS:** N/A

**PRODUCT CODES:** NONE

**KIMBALL MIDWEST**

**ADDRESS:** PO BOX 2470

**COLUMBUS, OH 43216-2470**

**EMERGENCY PHONE:** 800-424-9300

**OTHER CALLS:** 800-424-9300

**CHEMICAL NAME:** HARD-KUT

**CHEMICAL FAMILY:** N/A

**CHEMICAL FORMULA:** N/A

**PRODUCT USE:** METALWORKING LUBRICANT FOR CUTTING METALS

**SECTION 1 NOTES:** N/A

---

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

---

**NON-HAZARDOUS MATERIAL**

**THE FOLLOWING COMPONENTS, PRESENT AT A CONCENTRATION > OR = 0.1%, ARE LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS BY EITHER THE NATIONAL TOXICOLOGY PROGRAM (NTP), THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) OR OSHA:**  
**COMPONENT CAS # % PEL TLV**

**NONE - NOT APPLICABLE**

---

**SECTION 3: HAZARDS IDENTIFICATION**

---

**EMERGENCY OVERVIEW: ROUTES OF ENTRY: EYES, SKIN, INHALATION & INGESTION**

**POTENTIAL HEALTH EFFECTS:**

**EYES:** WILL CAUSE IRRITATION ON CONTACT WITH REVERSIBLE REDNESS OF THE CONJUNCTIVE TISSUE

**SKIN:** SOME PRIOR SKIN CONDITIONS MAY BE AGGRAVATED TEMPORARILY. IF SOME ANIMAL BASE HAND SOAPS IRRITATE, IT MAY IRRITATE SKIN.

**INGESTION:** WILL CAUSE NAUSEA BECAUSE OF SOAP BASE

**INHALATION:** MIST MAY IRRITATE MUCOUS MEMBRANES.

**ACUTE HEALTH HAZARDS:** EYE REDNESS IF DIRECT CONTACT OCCURS

**CHRONIC HEALTH HAZARDS: NONE NOTED**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE NOTED**

**SECTION 3 NOTES: THIS PRODUCT IS NOT CARCINOGENIC**

---

## **SECTION 4: FIRST AID MEASURES**

---

**EYES: WASH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.**

**SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER.**

**INGESTION: NON-TOXIC, CONTACT DOCTOR IF NAUSEA PERSISTS**

**INHALATION: INHALING WOULD BE A HIGHLY UNUSUAL HAPPENING; HOWEVER, SMKOE FROM WELDING PARTS WITH RESIDUE MAY CAUSE MINOR IRRITATION TO THROAT**

**SECTION 4 NOTES: N/A**

---

## **SECTION 5: FIRE-FIGHTING MEASURES**

---

**FLAMMABLE LIMITS IN AIR, UPPER: N/A**

**FLASH POINT: N/A**

**AUTOIGNITION TEMPERATURE: N/A**

**NFPA HAZARD CLASSIFICATION**

**HEALTH: 1      FLAMMABILITY: 1      REACTIVITY: 1**

**HMIS HAZARD CLASSIFICATION**

**HEALTH: 1      FLAMMABILITY: 0      REACTIVITY: 0      PROTECTION: 0**

**EXTINGUISHING MEDIA: N/A**

**SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.**

**UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A**

**HAZARDOUS DECOMPOSITION PRODUCTS: THERE IS NO HAZARDOUS DECOMPOSITION THAT WILL OCCUR**

---

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

**ACCIDENTAL RELEASE MEASURES:**

**Cover with inert, absorbent material and remove to disposal container. Spill area may be slippery. Flush with plenty of water.**

---

## **SECTION 7: HANDLING AND STORAGE**

---

**HANDLING AND STORAGE:**

**STORE AT ROOM TEMPERATURE (40 – 100 DEGREES F).**

MATERIAL FREEZES AND SOME SEPARATION MAY OCCUR. FREEZING WILL NOT EFFECT CAPABILITY OF MATERIAL TO PERFORM. ONCE THAWED, STIR MATERIAL UNTIL SMOOTH.  
SECTION 7 NOTES: N/A

---

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

### ENGINEERING CONTROLS:

VENTILATION: LOCALEXHAUST FOR MIST OR VAPORS  
RESPIRATORY PROTECTION: NONE NEEDED, HOWEVER IF WELDING PARTS WITH HEAVY PRODUCT RESIDUE: SMOKE MAY CAUSE MINOR IRRITATION TO THE THROAT  
EYE PROTECTION: NIOSH APPROVED SAFETY GOGGLES  
SKIN PROTECTION: NONE  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE  
WORK HYGIENIC PRACTICES: USUAL GOOD WORK PRACTICES. CLEAN UP AFTER USE.  
EXPOSURE GUIDELINES: N/A

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

APPEARANCE: GREEN SEMI-PASTE  
ODOR: SLIGHT ALMOND ODOR  
PHYSICAL STATE: SEMI-PASTE  
PH AS SUPPLIED: 6.0 – 6.5  
BOILING POINT: F: 225/C: 107.22  
MELTING POINT: N/A  
FREEZING POINT: F: 32/C: 0  
VAPOR PRESSURE (mmHg): N/A  
VAPOR DENSITY (AIR = 1): N/D  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.0365  
EVAPORATION RATE:BASIS (=1): N/D  
SOLUBILITY IN WATER: DISPERSIBLE  
PERCENT VOLATILE: N/A  
VOLATILE ORGANIC COMPOUNDS (VOC): NONE  
DENSITY: 8.51 LB/GAL

---

## SECTION 10: STABILITY AND REACTIVITY

---

STABILITY: STABLE  
CONDITIONS TO AVOID (STABILITY): NONE KNOWN  
INCOMPATIBILITY (MATERIAL TO AVOID): MAGNESIUM, AS PRODUCT IS WATER BASED  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE KNOWN  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID (POLYMERIZATION): HAZARDOUS POLYMERIZATION WILL NOT OCCUR  
SECTION 10 NOTES: N/A

---

## SECTION 11: TOXICOLOGICAL INFORMATION

---

TOXICOLOGICAL INFORMATION: None  
NO MATERIAL ITEMS ARE TO BE FOUND IN ANY STATES RTK LIST. THIS MATERIAL SHOULD BE  
CONSIDERED NON-HAZARDOUS. THIS IS A NON-CONTROLLED MATERIAL. CONTAINS NO OIL,  
SILICONE, SULPHUR, CHLORINE OR VOCs.

---

## SECTION 12: ECOLOGICAL INFORMATION

---

ECOLOGICAL INFORMATION: NOT KNOWN  
SECTION 12 NOTES: N/A

---

## SECTION 13: DISPOSAL CONSIDERATIONS

---

WASTE DISPOSAL METHOD: SMALL AMOUNTS MAY BE FLUSHED INTO SANITARY SEWER.  
LARGE AMOUNTS CAN BE DISPOSED IN SANITARY LANDFILL.

RCRA HAZARD CLASS: 1  
SECTION 13 NOTES: N/A

---

## SECTION 14: TRANSPORT INFORMATION

---

THIS PRODUCT IS NOT REGULATED AS A DOT  
HAZARDOUS MATERIAL.  
SECTION 14 NOTES: N/A

---

## SECTION 15: REGULATORY INFORMATION

---

RCRA (40 CFR 261, SUBPART D): NOT APPLICABLE.

NEW JERSEY RIGHT TO KNOW HAZARDOUS  
SUBSTANCE LIST:  
THIS PRODUCT CONTAINS THE FOLLOWING  
COMPONENTS  
SUBJECT TO REPORTING REQUIREMENTS:  
NONE

CLEAN WATER ACT: NOT APPLICABLE.

PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:  
THIS PRODUCT CONTAINS THE FOLLOWING  
COMPONENTS  
SUBJECT TO REPORTING REQUIREMENTS: NONE

CLEAN AIR ACT: NONE

MASSACHUSETTS SUBSTANCE LIST:  
THIS PRODUCT CONTAINS THE FOLLOWING  
COMPONENTS  
SUBJECT TO REPORTING REQUIREMENTS: NONE

SARA:

SECTIONS 301-304 (THRESHOLD PLANNING

QUANTITY – TPQ)

40 CFR 355: NOT APPLICABLE.

SECTION 313 (TOXIC CHEMICAL RELEASE  
REPORTING)

40 CFR 372: THE FOLLOWING CHEMICALS MUST BE  
REPORTED UNDER SARA 313: NOT APPLICABLE.

CERCLA:

SECTION 102 (REPORTABLE QUANTITY – RQ)

40 CFR 302: NONE.

TSCA SECTION 8(B) INVENTORY STATUS:

ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON  
THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE  
LISTED ON THE TSCA INVENTORY.

CALIFORNIA SAFE DRINKING WATER AND TOXIC  
ENFORCEMENT ACT (PROPOSITION 65):  
THIS PRODUCT CONTAINS THE FOLLOWING  
COMPONENTS  
SUBJECT TO REPORTING REQUIREMENTS: NONE

CANADA:

WORKPLACE HAZARDOUS MATERIALS

INFORMATION SYSTEM

(WHMIS)-LISTED MATERIAL.

THIS PRODUCT CONTAINS THE FOLLOWING  
COMPONENTS

SUBJECT TO REPORTING REQUIREMENTS: NONE

---

## SECTION 16: OTHER INFORMATION

---

Effective Date: April 20, 2014

The information on this sheet is limited to the material identified and is believed by the Kimball Midwest  
to be correct based on its knowledge and information as of the date noted. Kimball Midwest makes no representation,  
guarantee or warranty, expressed or implied, as to the accuracy, reliability or completeness of the information and  
assumes no responsibility for injury, damage or loss resulting from the use of the material.