HARD-KUT
Hi-Performance Metal-Working Lubricant

80-766 and 80-767

HMIS RATING	
Health	1
Flammability	0
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	N/A
Flammability	N/A
Reactivity	N/A
NFPA 30B LEVEL	
N/A	

KIMBALL-MIDWEST
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1 PRODUCT IDENTIFICATION

PART NUMBER.....80-766, 8 oz.; 80-767 gal.
PRODUCT NAME.....HARD-KUT Metal-Working Lubricant
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....N/A

2 HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
NONE				

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3 PHYSICAL DATA

BOILING POINT (RANGE).....225°F
VAPOR PRESSURE PSIG @ 70°F.....N/A
VAPOR DENSITY (AIR = 1).....N/E
SOLUBILITY IN WATER.....Dispersible
SPECIFIC GRAVITY (H2O = 1).....1.0365
MELTING/FREEZING POINT.....N/A
EVAPORATION RATE (Butyl Acetate=1).....N/E
VOC content (by weight).....N/A
APPEARANCE AND ODOR.....Green semi-paste/ Lemon odor

4 FIRE AND EXPLOSION DATA

FLASH POINT.....None
UPPER EXPLOSIVE LIMIT (%).....N/A
LOWER EXPLOSIVE LIMIT (%).....N/A
EXTINGUISHING MEDIA.....N/A
SPECIAL FIREFIGHTING PROCEDURES.....Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus
FIRE AND EXPLOSION HAZARDS.....None known

5 HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Eyes, skin, ingestion, inhalation
HEALTH HAZARDS (ACUTE AND CHRONIC):
EYE CONTACT.....Will cause irritation on contact. Entry into the eye will cause stinging and reversible redness of the conjunctive tissue.
INHALATION.....Inhaling would be a highly unusual happening; however, smoke from welding parts with AnchorLube residue (heavy) may cause minor irritation to the throat. Mist may irritate mucous membranes.
INGESTION.....Will cause nausea because of the soap base.
SKIN.....Some prior skin conditions may be aggravated temporarily. If some animal base hand soaps irritate, Hard-Kut may irritate skin.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....Skin disorders

5 HEALTH EFFECTS DATA (CONTINUED)

FIRST AID PROCEDURES

EYES.....Flush with water for at least 15 minutes. Seek medical attention.
SKIN CONTACT.....Wash with soap, large volumes of water.
INGESTION.....Do not induce vomiting; obtain medical attention; if vomiting occurs keep head below hips to prevent aspiration into lungs.
INHALATION.....Remove to fresh air.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....Presently not on any lists

6 REACTIVITY

STABILITY.....Stable
INCOMPATIBILITIES.....None known
HAZARDOUS DECOMPOSITION PRODUCTS.....None known
HAZARDOUS POLYMERIZATION.....Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS.....None known

7 PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS.....Safety goggles. Smoke from welding on parts with a product residue may be irritating; if so, use respiratory protection.
WASH REQUIREMENTS.....Wash with soap and water
SPILL OR LEAK PROCEDURES.....Use absorbent sweeping compound to soak up material and collect into an approved container
WASTE DISPOSAL METHODS.....Dispose of in accordance with local, state, and federal regulations
HANDLING & STORAGE.....Freezing may cause some separation, does not affect product, stir after thawing. Use good work practices. Clean up after use.
OTHER PRECAUTIONS.....None

8 ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST

Specializing in Materials Management since 1923

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