

HMIS RATING	
Health	N/A
Flammability	N/A
Reactivity	N/A

## 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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Corporate & Emergency Telephone (614-228-6701)

### 1. PRODUCT IDENTIFICATION

PART NUMBER .....80-280  
PRODUCT NAME .....ULTRA GUARD Engine Wear Protectant  
CHEMICAL FAMILY.....N/A  
DOT SHIPPING.....Consumer Commodity ORM-D

### 2. HAZARDOUS INGREDIENTS

Specific chemical identity, common names	OSHA PEL	ACGIH TLV	STEL	%
Hydrotreated Light Naphthenic Oil (64742-53-6)	5mg/m <sup>3</sup> for oil in air	-	-	-
Hydrotreated Heavy Naphthenic Oil (64742-52-5)	5mg/m <sup>3</sup> for oil in air	-	-	-
Proprietary Items				3

All other ingredients, if any, are considered to be trade secrets according to applicable federal regulations.

All chemical compounds marked with an asterisk (\*) are toxic chemicals subject to the reporting requirements 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).....	Not determined
VAPOR PRESSURE PSIG @ 70°F.....	<0.01 (mmHg)
VAPOR DENSITY (Air = 1).....	Greater than 5
SOLUBILITY IN WATER.....	Negligible
SPECIFIC GRAVITY (H <sub>2</sub> O = 1).....	0.9
MELTING/FREEZING POINT.....	N/A
EVAPORATION RATE (Butyl Acetate = 1).....	Not determined
PERCENT VOLATILES.....	Not determined
APPEARANCE AND ODOR.....	Semi-viscous liquid, slight odor

### 4. FIRE AND EXPLOSION DATA

FLASH POINT.....	400°F C.O.C.
UPPER EXPLOSIVE LIMIT (%).....	No Data
LOWER EXPLOSIVE LIMIT (%).....	No Data
EXTINGUISHING MEDIA.....	Water spray, dry chemical, CO <sub>2</sub> or foam.
SPECIAL FIREFIGHTING PROCEDURES.....	Water or foam, sprayed into burning compound may cause frothing. Water cool exposed containers. Water rinse spills. Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.
FIRE AND EXPLOSION HAZARDS.....	Dense smoke may be generated.

### 5. HEALTH EFFECTS DATA

#### SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....	Skin, eyes, ingestion, inhalation.
HEALTH HAZARDS (Acute & Chronic).....	This product is relatively non-irritating to the skin, but prolonged or repeated skin contact could result in skin irritation or possibly skin dermatitis.
SIGNS AND SYMPTOMS OF EXPOSURE.....	Inhalation: Difficulty in breathing. Skin: Redness Ingestion: Nausea / vomiting Eyes: Redness and irritation.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....	N/A

### 5. HEALTH EFFECTS DATA (Continued)

#### FIRST AID PROCEDURES

EYES.....	Remove excess with soft cloth. Flush with warm water for 15 minutes, or until irritation subsides. If irritation persists, consult physician.
SKIN CONTACT.....	Remove excess with paper towel. Wash with soap and warm water.
INHALATION.....	This compound is not volatile at ambient conditions, and inhalation is not likely. If exposed to high concentrations of thermal decomposition products breathing could be impaired. Remove to fresh air or give oxygen. Consult a physician.
INGESTION.....	Do not induce vomiting. May be aspirated into lungs. Drink several cups of water. Consult a physician.

#### SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines)..... Not determined.

### 6. REACTIVITY

STABILITY.....	Stable
INCOMPATIBILITIES.....	Strong oxidizers, chlorine, sodium, & calcium hypochlorite.
HAZARDOUS DECOMPOSITION PRODUCTS.....	In fire may decompose to fumes, smoke and carbon monoxide
HAZARDOUS POLYMERIZATION.....	Will not occur.
HAZARDOUS POLYMERIZATION CONDITIONS.....	None known.

### 7. PRECAUTIONS FOR SAFE HANDLING AND USE

#### PROTECTIVE EQUIPMENT REQUIREMENTS

REQUIREMENTS.....	Safety glasses or goggles. Protective chemical resistant gloves. In thermal decomposition, ventilation sufficient to maintain vapor concentrations below TLV. Rubber or synthetic footwear. Chemical resistant apron or clothing.
WASH REQUIREMENTS.....	Wash with soap and water.
SPILL OR LEAK PROCEDURES.....	Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.
WASTE DISPOSAL METHODS.....	Dispose as hazardous waste in accordance with EPA RCRA.
HANDLING & STORAGE.....	Keep away from heat, sparks, or open flame. Store at temperatures below 120°F in closed container.

### 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 PRODUCT(S). SUCH ARE BASED ON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND ARE 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 OPERATION CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

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