

ENGINE DEGREASER

80-715

HMIS RATING	
Health	3
Flammability	2
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	4
Reactivity	0
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-715
PRODUCT NAME.....Engine Degreaser
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Propane (74-98-6)	1000ppm	2500ppm	-	4
Butane (106-97-8)	800ppm	800ppm	-	4
*Ethyl Benzene (100-41-4)	100ppm	100ppm	125ppm	0.1
Light Aromatic Hydrocarbons (64742-95-6)	-	-	-	2
1,3,5-Trimethylbenzene (108-67-8)	25ppm	25ppm	-	2
1,2,4-Trimethylbenzene (95-63-6)	25ppm	25ppm	-	3
Medium Aromatic Hydrocarbons (64742-94-5)	-	-	-	7
Naphthalene (91-20-3)	10ppm	10ppm	15ppm	1
2-butoxyethanol (111-76-52)	25ppm	20ppm	-	10
Tripropylene Glycol Methyl Ether (25498-49-1)	-	-	-	1
Ethoxylated Nonylphenol (127087-87-0)	-	-	-	5

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. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE).....<0 - 469°F
VAPOR PRESSURE PSIG @ 70°F.....80-90
VAPOR DENSITY (AIR = 1).....Heavier than air
SOLUBILITY IN WATER.....N/A
SPECIFIC GRAVITY (H₂O = 1).....0.90
MELTING/FREEZING POINT.....N/A
EVAPORATION RATE (61% = 1).....Faster than ether
VOC content (by weight).....35% (less water and federally exempt solvents)
APPEARANCE AND ODOR.....White liquid/Solvent Odor

4. FIRE AND EXPLOSION DATA

FLASH POINT.....<0 F (propellant)
UPPER EXPLOSIVE LIMIT (%).....10.6
LOWER EXPLOSIVE LIMIT (%).....0.7
EXTINGUISHING MEDIA.....CO₂, Dry chemical, Foam.
SPECIAL FIREFIGHTING PROCEDURES.....Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
FIRE AND EXPLOSION HAZARDS.....Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Inhalation, Eye Contact, Skin Contact.
HEALTH HAZARDS (ACUTE AND CHRONIC).....May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Prolonged exposure to solvent ingredients may cause adverse effects to the liver, urinary, blood forming and reproductive systems. Headache, dizziness, nausea and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.
EYE CONTACT.....Irritation.
SKIN CONTACT.....Prolonged or repeated exposure may cause irritation.
INHALATION.....Irritation of the upper respiratory system.

5. HEALTH EFFECTS DATA CON'T.

FIRST AID PROCEDURES

EYE CONTACT.....Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN.....Wash affected area thoroughly with soap and water. Remove contaminated clothing and lauder before re-use.
INHALATION.....If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION.....Do not induce vomiting. Get medical attention immediately.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

6. REACTIVITY

STABILITY.....Stable under normal conditions.
INCOMPATIBILITIES.....None known.

HAZARDOUS DECOMPOSITION

PRODUCTS.....By fire: carbon dioxide, carbon monoxide.
HAZARDOUS POLYMERIZATION.....Will not occur under normal conditions.

HAZARDOUS POLYMERIZATION

CONDITIONS.....None known.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT

REQUIREMENTS.....Use adequate ventilation, wear chemical resistant gloves, safety goggles or glasses. For continuous spray, local exhaust provided by explosion proof motor is recommended.

WASH REQUIREMENTS.....Normal cleanliness.

SPILL OR LEAK PROCEDURES.....Remove all sources of ignition and ventilate areas. Soak up spilled material with inert absorbent material and place in a properly labeled closed container for disposal.

WASTE DISPOSAL METHODS.....Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of in accordance with local, state, and federal regulations. Consult local environmental authorities.

HANDLING & STORAGE.....Avoid breathing vapor. Keep away from heat, flames. Keep container closed when handling or storing. Store in a cool dry place. Keep out of reach of children.

OTHER PRECAUTIONS.....Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

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

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