

U.S. Lubricants
A Division of U.S. Venture, Inc.
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Appleton, WI 54915
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PRODUCT NO.: 8752

MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME:

Premix Precharged Antifreeze

GENERIC/CHEMICAL NAMES:

PREPARATION/REVISION DATE: 03/20/06

REVISED FROM (DATE): 05/14/04

EMERGENCY PHONE #: (920)-735-8298

NFPA CODE: Health: 1 Fire: 1 Reactivity: 0

HMIS CODE: Health: 2 Fire: 1 Reactivity: 0

SECTION 1 - HAZARDOUS INGREDIENTS

This material is not known to contain greater than 0.1% of any carcinogen required to be listed under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Ethylene glycol (CAS # 000107-21-1)

SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: NA

UPPER FLAMMABLE LIMIT: ND

LOWER FLAMMABLE LIMIT: ND

EXTINGUISHING MEDIA:

CO₂, dry chemical, foam, water spray, water fog, DO NOT use direct water stream - will spread fire.

SPECIAL FIRE FIGHTING PROCEDURES:

Wear self contained breathing apparatus with full face piece. Cool exposed containers with water spray. Avoid breathing fumes.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Toxic fumes may be evolved on burning or exposure to heat. Pressure may increase in overheated closed containers. Store below 120°F.

SECTION 3 - HEALTH HAZARD DATA

« ACUTE EXPOSURE »

ORAL TOXICITY: Low order of acute oral toxicity. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

EYE IRRITATION: Product contacting the eyes may cause eye irritation. Based on data from components or similar material.

SKIN IRRITATION: Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

DERMAL TOXICITY: Product has a low order of acute dermal toxicity. Based on data from components or similar materials.

INHALATION TOXICITY: No data available to indicate product or components may be a toxic inhalation hazard.

RESPIRATORY IRRITATION: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with mineral oil. Based on data from components or similar materials. Under good industrial hygiene practices where all exposure limits are observed respiratory irritation should not be a problem.

DERMAL SENSITIZATION: No data available to indicate product or components may be a skin sensitizer.

INHALATION SENSITIZATION: No data available to indicate product or components may be a respiratory sensitizer.

« CHRONIC EXPOSURE »

CHRONIC TOXICITY: No data available to indicate product or components present at greater than 1% are chronic health hazards.

CARCINOGENICITY: No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

MUTAGENICITY: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

REPRODUCTIVE TOXICITY: No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

TERATOGENICITY: No data available to indicate either product or components contained at greater than 0.1% may cause birth defects.

« ADDITIONAL INFORMATION »

OTHER: No other health hazards known.

EXPOSURE LIMITS: See Hazardous Ingredients Section for any applicable exposure limits for components.

SECTION 3A - EMERGENCY FIRST AID PROCEDURES

SKIN: Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

EYE: Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

INHALATION: Remove exposed person to fresh air if adverse effects are observed.

ORAL: DO NOT INDUCE VOMITING! If conscious, give 2 glasses of water. Get immediate medical attention.

ADDITIONAL: Note to physician: treat symptomatically.

SECTION 4 - SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE: Use local exhaust ventilation to control dust.

GLOVE PROTECTION: Chemical resistant gloves recommended.

EYE PROTECTION: Safety glasses recommended.

RESPIRATORY PROTECTION: Normally not required, mask or respiratory for mists.

CLOTHING RECOMMENDATION: Launder as needed to prevent repeated or prolonged contact.

SECTION 5 - PHYSICAL DATA

VAPOR PRESSURE: <0.1 mm Hg @ 20°C

PH: 10.5 -11.0

SPECIFIC GRAVITY: 1.07

LB/GAL: 8.9

WATER SOLUBILITY: Completely miscible

PERCENT VOLATILE: 50

VAPOR DENSITY: 2.1

EVAPORATION RATE: Nil

ODOR: Slight

APPEARANCE: Colorless Liquid

VISCOSITY: ND cSt @ 40°C ND cSt @ 100°C

SECTION 6 – STABILITY

STABILITY:	Stable
INCOMPATIBILITY:	Avoid Chlorine, fluorine and other strong oxidizers.
POLYMERIZATION:	Will not occur.
THERMAL DECOMPOSITION:	Smoke, carbon monoxide, aldehydes and other products of incomplete combustion.

SECTION 7 - SPILL OR LEAK PROCEDURES

SPILL PROCEDURES:	Prevent entry into sewers and waterways. Pick up free liquid for recycle or disposal. Absorb small amounts an inert material.
WASTE DISPOSAL:	Dispose according to current local, state and federal regulations. materials may become hazardous waste through use. If permitted, incineration may be practical. Consider recycling.

SECTION 8 - SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS:	Keep containers closed when not in use. Do not handle or store near high heat or flames. Avoid breathing oil mists, wash skin thoroughly with soap and water after handling.
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SECTION 9 - TRANSPORTATION AND OSHA LABELING INFORMATION

TRANSPORTATION INCIDENT INFORMATION:	For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents.
U.S. DOT HAZARDOUS MATERIALS SHIPPING DESCRIPTION:	Not Regulated.
OSHA REQUIRED LABEL INFORMATION:	In compliance with hazard and right-to-know requirements, where applicable OSHA Hazard Warnings may be found on the label, bill of lading or invoice accompanying this shipment.

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N.A. = Not Applicable N.D. = Not Determined N.E. = Not Established