

U.S. Oil Co., Inc.

Lubricants Division

425 S. Washington St. Combined Locks, WI 54113
Phone 920-735-8298

PRODUCT NO.: 746

MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME:

Windshield Wash Concentrate

REVISION NUMBER: 3
PREPARATION/REVISION DATE: 05/14/04
REVISED FROM (DATE): 08/05/99

EMERGENCY PHONE #: (920)-735-8298
NFPA CODE: Health: 3 Fire: 3 Reactivity: 0
HMIS CODE: Health: 3 Fire: 3 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).

<u>Component</u>	<u>Cas #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Methanol	67-56-1	N.D.	200 ppm

SECTION 2 - FIRE AND EXPLOSION HAZARDS

FLASH POINT: 54 °F
UPPER FLAMMABLE LIMIT: 5.5%
LOWER FLAMMABLE LIMIT: 36.5%
EXTINGUISHING MEDIA:
CO₂, dry chemical, foam

SPECIAL FIRE FIGHTING PROCEDURES:

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

SECTION 3 - HEALTH HAZARD DATA

« ACUTE EXPOSURE »

- ORAL TOXICITY: Toxic by ingestion and inhalation. Causes dizziness, nausea, muscle weakness, narcosis, respiratory failures. After ingestion or inhalation, initial symptoms may be only that of mild intoxication, but may become severe after 12 to 18 hours. Affects central nervous system, especially optic nerve. Ingestion can produce blindness (100 mL can be fatal).
- EYE IRRITATION: May cause eye irritation. Based on data from components or similar material.
- SKIN IRRITATION: Can be toxic by skin absorption. 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: The LD50 in rabbits is > 2000 mg/kg. Based on data from components or similar materials.
- INHALATION TOXICITY: Toxic by ingestion and inhalation.
- 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.

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. Give artificial respiration if breathing has stopped.
- ORAL: Get immediate medical attention. If medical attention is not immediately available, induce vomiting. Do not induce vomiting if patient is unconscious.
- ADDITIONAL: Note to physician: treat symptomatically.

SECTION 4 - SPECIAL PROTECTION INFORMATION

GLOVE PROTECTION: Neoprene or Nitrile Gloves Recommended.

EYE PROTECTION: Safety glasses recommended.

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

CLOTHING RECOMMENDATION: As needed to prevent repeated or prolonged contact.

SECTION 5 - PHYSICAL DATA

VAPOR PRESSURE: 96 @ mm Hg 68F

SPECIFIC GRAVITY: 0.796

WATER SOLUBILITY: 100%

PERCENT VOLATILE: 100%

VAPOR DENSITY: 1.1 (Air = 1)

EVAPORATION RATE: > 1

ODOR: Slightly alcoholic

APPEARANCE: Clear liquid

SECTION 6 - STABILITY

STABILITY: Stable

INCOMPATIBILITY: Oxidizing agents, acids and reactive metals.

POLYMERIZATION: Will not occur.

THERMAL DECOMPOSITION: Carbon monoxide, carbon dioxide and unidentified organics.

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 a noncombustible absorbant.

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, wash skin thoroughly with soap and water after handling.

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.

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of seller's knowledge, however, seller makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof, seller assumes no responsibility for injury to buyer or to third persons or for any damage to any property and buyer assumes all such risks.

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