



Material Safety Data Sheet U.S. Department of Labor

Complies with OSHA's Hazard Communication Standard Occupational Safety and Health Administration 29 CFR 1910.1200

IDENTIFY (as used on label and list)

WINTER WINDSHIELD WASHER FLUID IFI – WM20 (-20F)

SECTION I

Manufacturer's Name and Address: **Innovative Fluids, LLC**
916 Huber Drive
Monroe, MI 48162

Form Approved OMB No. 1218-0072 Mar 95

Product Hazard Summary: HEALTH DANGER! Effects may be delayed. May be harmful or fatal if swallowed, inhaled or absorbed through skin. May be irritating to the skin, eyes and respiratory tract.
Over exposure may cause temporary or permanent blindness.

Emergency Telephone Number: Telephone Number for Information Date Prepared: August 28, 2009

(734) 241-5699 (734) 241-5699

SECTION II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s) ACGIH TLV Other Limited Recommended CASE No.

METHANOL	67-56-1
WATER	7732-18-5
ETHYLENE GLYCOL	107-21-1

SECTION III – Physical/Chemical Characteristics

Boiling Point: 81.0C 178F Specific Gravity (H2O=1) [.96@60F](#) %Volatile:23

Vapor Pressure (mmHg.) 40 @ 68 F Melting Point n/a

Vapor Density (AIR=1) 1.1 Evaporation Rate (butyl Acetate=1) Faster Solubility in Water 100%

Appearance and Odor: BLUE IN COLOR, SLIGHTLY "SWEET" ALCOHOLIC ODER

SECTION IV – Fire and Explosive Hazard Data

Flash Point (Method Used): 102F (TCC) Flammable Limits: LEL: n/a Auto ignition Temperature: 465C 867F

Extinguishing Media: USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE

Special Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS AND WEAR FULL PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards: NEVER USE TORCH OR CUTTING TORCH NEAR DRUM BECAUSE PRODUCT CAN IGNITE.

SECTION V – Reactive Data

Stability: STABLE Conditions to Avoid:

Incompatibility (Materials to Avoid): STRONG OXIDIZING AGENTS

Hazardous Decomposition or By-Products: CARBON MONOXIDE, FORMELDEHYDE Hazardous Polymerization: WILL NOT OCCUR Conditions to Avoid: N/A

SECTION VI – Health Hazard Data

Route(s) of Entry: Inhalation? YES Skin? Ingestion ? YES

Health Hazards: (Acute) INGESTION –Slightly Toxic; SKINS/EYES – Slightly to moderately irritating; INHALATION – Practically non-toxic. Carcinogenicity: NOT CONSIDERED A CARCINOGEN

Signs and Symptoms of Exposure: HEADACHE, FATIGUE, NAUSEA AND BLURRING OF VISION

Medical Conditions Generally Aggravated by Exposure: HEART DISEASE

Emergency and First Aid Procedures: GIVE OXYGEN, INDUCE VOMITING, GASTRIC LAVAGE, WASH EYES AND SKIN WITH WATER

SECTION VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL, DISPOSE AS HAZARDOUS WASTE, VENTILATE AREA, COVER SPILL WITH ALCOHOL FOAM, PUMP LIQUID INTO DRUM FOR DISPOSAL Waste Disposal Method: DISPOSE OF AS ORDERED BY STATE, LOCAL OR FEDERAL REGULATIONS

Precautions to be taken in handling and storing: KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAMES, STORE BELOW 120F.

Other Precautions: NONE

SECTION VIII – Control Measures

Respiratory Protection (Specify Type): GENERAL

Ventilation: Mechanical (General)

Protective Gloves : RUBBER GLOVES Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Clothing or Equipment: LONG SLEEVES AND LONG PANTS/RUBBER APRON

Work/Hygienic Practices: DO NOT SMOKE WHILE SPRAYING/WASH HANDS AFTER USE

First Aid: EYES – Immediately flush with water for 15 minutes. Get Medical Attention. SKIN – Wash with soap and water. Remove contaminated clothing.

INHALATION: Remove victim to fresh air. If difficulty breathing, administer oxygen. INGESTION – Induce vomiting, see doctor