

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

## IDENTITY AND MANUFACTURER'S INFORMATION

<b>NFPA Rating:</b> Health-2; Flammability-2; Reactivity-0; Special- -	<b>HMIS Rating:</b> Health-2; Flammability-2; Reactivity-0; Personal Protection-B
<b>Manufacturer's Name:</b> <b>AMREP, INC.</b>	<b>DOT Hazard Classification:</b> Flammable Liquid, 3
<b>Address:</b> 990 Industrial Park Dr. Marietta, GA 30062	<b>Identity</b> (trade name as used on label): <b>MISTY FI-50 DIESEL FUEL FLOW IMPROVER</b>
<b>Date Prepared:</b> 05/30/06 <b>Prepared By:</b> RC/IB	<b>MSDS Number:</b> G00422 <b>Revision</b> -4
<b>Information Calls:</b> (770)422-2071	<b>NOTICE:</b> JUDGMENT BASED ON INDIRECT TEST DATA
<b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924	

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PETROLEUM DISTILLATES	64742-96-7 / 8008-20-6 / 8052-41-3	Yes	100	100	d
XYLENE	1330-20-7	Yes	100 TWA	100 TWA (skin)	d
NAPHTHALENE (less than 1.7%)	91-20-3	Yes	10	10	d
<b>WARNING:</b> This product contains a chemical or chemicals known to the State of California to cause cancer.					

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 250°F	<b>Specific Gravity</b> (H2O=1): 0.82
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): 75°F 200
<b>Vapor Density</b> (Air = 1): 4.5	<b>Evaporation Rate</b> (ECAC = 1): 2
<b>Solubility in Water:</b> Negligible	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Amber with aromatic odor.	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME	Auto Ignition Temperature	Flammability Limits in Air by % in Volume:
PROJECTION TEST (aerosols) N/A	N/A	% LEL: .7      % UEL: 5.0
FLASH POINT AND METHOD USED (non-aerosols): 102°F TCC		EXTINGUISHER MEDIA: Dry chemical (preferred), foam, water.
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards: Slight when exposed to heat or flame. Combustible at high temperatures.		

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to avoid): Chlorine or oxygen, aluminum.	<b>Conditions to Avoid:</b> Oxidizing atmospheres.
<b>Hazardous Decomposition Products:</b> Oxides of carbon, smoke.	

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b> CNS depression producing headache, dizziness, nausea and loss of consciousness.	
<b>Inhalation:</b> May cause respiratory tract irritation, causing dizziness, muscle twitching, coma and later pneumonia.	
<b>Eye Contact:</b> May cause irritation.	<b>Skin Contact:</b> Prolonged exposure may cause dermatitis.
<b>Ingestion:</b> May cause vomiting, nausea, diarrhea. Aspiration of vomitus into lungs must be avoided as lung contact can result in chemical pneumonitis and pulmonary edema/hemorrhage. Absorption of ingested material may result in effects listed above.	
<b>CHRONIC EFFECTS:</b>	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Nausea and skin irritation.	

## EMERGENCY FIRST AID PROCEDURES

<b>Eye Contact:</b> Wash with large amounts of water. If irritation persists, call a physician.
<b>Skin Contact:</b> Remove contaminated clothing. Wash with soap and water.
<b>Inhalation:</b> Remove to fresh air. Give oxygen if needed.
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Give 3-4 glasses of water. Seek medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection (specify type):</b> NIOSH / MSA approved respirators for confined areas. Where oxygen is sufficient to sustain, use NIOSH approved respirator with organic vapor cartridge.	<b>Eye Protection:</b> Splash goggles or safety glasses.
<b>Protective Gloves:</b> Neoprene or plastic.	
<b>Ventilation Requirements:</b> None required in excess to normal ventilation.	
<b>Other Protective Clothing &amp; Equipment:</b> Oil resistant apron.	
<b>Hygienic Work Practices:</b> Do not work in oil soaked clothing. Wash after handling.	

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.
<b>Waste Disposal Methods:</b> Dispose of in accordance with local, state and federal regulations.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed.
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Empty containers may contain explosive gas.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only