

MATERIAL SAFETY DATA SHEET

WM929

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

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-0; Reactivity-0; Special-		HMIS Rating: Health-1; Flammability-0; Reactivity-0; Personal Protection-B	
Manufacturer's Name: DYNAFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120		DOT Hazard Classification: Ethylene Glycol 44620	
Manufactured for: I.W.D.C. Indianapolis, IN 46219		Identity (trade name as used on label): DEFENSE WM 929 ANTI-FREEZE AND PUMP LUBE	
Prepared By: GS		MSDS Number: WM929	Revision: 7/1/2006
Information Calls: (800)334-4420		NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	
Emergency Response Number: CHEMTEL 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*
Ethylene Glycol	107-21-1	no	50	50	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 230°F	Specific Gravity (H2O=1): 1.07
Vapor Pressure: (PSIG @ 70° F (Aerosols): NA	Vapor Pressure: (Non-Aerosols)(mm Hg and Temperature): 17.6mmHg @20°C
Vapor Density: (Air=1): >1	Evaporation Rate (BUAC=1): <1
Solubility in Water: 100%	Water Reactive: Negligible
Appearance and Odor: Blue, clear thin liquid.	

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) NA	NA	%LEL: NA	%UEL: NA
FLASH POINT AND METHOD USED (non-aerosols): None to boiling			
EXTINGUISHER MEDIA: Use water fog.			
SPECIAL FIRE FIGHT PROCEDURES: Do not spray on fires directly. Use self contained breathing apparatus.			
Unusual Fire & Explosion Hazards: None			

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
Incompatibility (Mat. to Avoid): Strong oxidizers	Conditions to Avoid: None
Hazardous Decomposition Products: May form carbon monoxide and dioxide.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS:	
Inhalation: None	
Eye contact: Reddening of eyes	
Skin contact: Reddening of skin	
Ingestion: None	
CHRONIC EFFECTS: Mild irritant	
Medical conditions Generally Aggravated by Exposure: Dermatitis	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Wash with water.
Skin Contact: Wash with water
Inhalation: NA
Ingestion: Drink two glasses of water.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): Normally not required.
Protective Gloves: Rubber if desired
Eye Protection: Safety glasses or face shield.
Ventilation Requirements: Normal room ventilation is usually adequate.
Other Protective Clothing & Equipment: Normally not required.
Hygienic Work Practices: Wash with soap & water before eating or smoking.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken if Material Is Spilled Or Released: Sweep up onto paper and discard. Larger spill should be collected and reused. Absorb residue on absorbent. Sweep up and put into steel container.
Waste Disposal Methods: In accordance with local, state and federal regulations.
Precautions To Be Taken In Handling & Storage: Keep in cool place. Do not cut or weld on empty containers.
Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN.

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] NPT [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only