

MATERIAL SAFETY DATA SHEET

929B

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-		HMS 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 Identity (trade name as used on label): DYNAFLUX DEFENSE 929 CONCENTRATED ANTI-FREEZE	
Prepared By: GS		MSDS Number: 929B Revision: 4/13/2010	
Information Calls: (800)334-4420		NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA	
Emergency Response Number: CHEMTEL US: (800)-255-3924 / International: 813-248-0585			

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 % by weight: 49.75	107-21-1	no	50	50	d
VOC: 0%					

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 PROJECTION TEST (aerosols) NA	Auto Ignition Temperature NA	Flammability Limits in Air by % in Volume:	
		%LEL: NA	%UEL: NA
FLASH POINT AND METHOD USED (non-aerosols): None to boiling TCC			
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: May cause irritation
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: Induce vomiting. Give two large glasses of water. Get medical attention.

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: Absorb up onto paper and discard. Larger spill should be diked, 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