

**MATERIAL SAFETY DATA SHEET**

927B

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-1; Flammability-0; Reactivity-0 ; Special-	<b>HMIS Rating:</b> Health-1; Flammability-0; Reactivity-0; Personal Protection-B
<b>Manufacturer's Name:</b> DYNFLUX, INC. 241 Brown Farm Rd. Cartersville, GA 30120	<b>DOT Hazard Classification:</b> Ethylene Glycol 44620 <b>Identity (trade name as used on label):</b> DYNFLUX DEFENSE RTU
<b>Prepared By:</b> GS	<b>MSDS Number:</b> 927B <b>Revision:</b> 7/1/2006
<b>Information Calls:</b> (800)334-4420	<b>NOTICE:</b> JUDGMENT BASED ON INDIRECT TEST DATA
<b>Emergency Response Number:</b> CHEMTEL 1(800)255-3924	

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (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**

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

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

<b>FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)</b> NA	<b>Auto Ignition Temperature</b> NA	<b>Flammability Limits in Air by % in Volume:</b>	
		<b>%LEL:</b> NA	<b>%UEL:</b> NA
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> None to boiling			
<b>EXTINGUISHER MEDIA:</b> Use water fog.			
<b>SPECIAL FIRE FIGHT PROCEDURES:</b> Do not spray on fires directly. Use self contained breathing apparatus.			
<b>Unusual Fire &amp; Explosion Hazards:</b> None			

**SECTION 4 - REACTIVITY HAZARD DATA**

<b>STABILITY:</b> [X] STABLE [ ] UNSTABLE	<b>HAZARDOUS POLYMERIZATION [ ] WILL [X] WILL NOT OCCUR</b>
<b>Incompatibility (Mat. to Avoid):</b> Strong oxidizers	<b>Conditions to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> May form carbon monoxide and dioxide.	

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ ] INGESTION [X] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS
<b>ACUTE EFFECTS:</b>
<b>Inhalation:</b> None
<b>Eye contact:</b> Reddening of eyes
<b>Skin contact:</b> Reddening of skin
<b>Ingestion:</b> None
<b>CHRONIC EFFECTS:</b> Mild irritant
<b>Medical conditions Generally Aggravated by Exposure:</b> Dermatitis

**EMERGENCY FIRST AID PROCEDURES**

<b>Eye Contact:</b> Wash with water.
<b>Skin Contact:</b> Wash with water
<b>Inhalation:</b> NA
<b>Ingestion:</b> Drink two glasses of water.

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

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

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

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