



Dynaflux SDS 393B 04/01/2014

## Safety Data Sheet

Product: 800 Gas Leak Detector

**Part 1: Identification of the Substance/Mixture and of the Company/Undertaking.**

Identification 800B

Product Use Description: Detection of Leaks

Trade Name: 800 Gas leak Detector

Manufacturers Name: Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120 U.S.A.

Emergency Telephone Number: Chemtel: For U.S.: 800-255-3924 International: 813-248-0585

**Part 2: Hazards Identification**

Symbol: None

Signal Word: None

**Emergency Overview:**

Clear, odorless liquid. Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of inhalation

**Exposure routes:**

Eyes, Skin Contact, Inhalation, Ingestion.

**Chronic Effects:**

Slightly hazardous in case of skin contact (sensitizer). CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

**Part 3: Composition / Information on Ingredients**

| Name             | CAS #   | EU Inventory | % by weight |
|------------------|---------|--------------|-------------|
| Propylene Glycol | 57-55-6 | 200-338-0    | 20          |

Toxicological Data on Ingredients: Propylene glycol: ORAL (LD50): Acute: 20000mg/kg [Rat]. 22000 mg/kg [Mouse]  
 Dermal (LD50): Acute: 20800 mg/kg [Rabbit].

**Part 4: First Aid Measures****Eye contact**

Mild irritation. Flush with plenty of water for 15 minutes and get medical attention.

**Skin contact**

In case of contact with skin remove contaminated clothing. Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

**Inhalation**

After high vapor exposure, remove to fresh air. If breathing is difficult give oxygen. If breathing has stopped give artificial respiration.

**Ingestion**

Do not induce vomiting as this may cause aspiration into the lungs. Seek medical attention.

## Part 5: Fire Fighting Measures

**Flammability of Product:** May be combustible at high temperature

**Auto-Ignition Temperature:** 371°C (699.8°F).

**Flash Points:** CLOSED CUP: 99°C (210.2°F). OPEN CUP: 107°C (224.6°F) (Cleveland)

**Flammable Limits:** LOWER: 2.6% UPPER: 12.5%

**Fire Fighting Media and Instructions:** SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Special Remarks on fire hazards:** When heated to decomposition it emits acrid smoke and irritating fumes.

**Special Remarks on Explosion Hazards:** Not available.

## Part 6: Accidental Release Measures

### Containment Techniques:

Keep unprotected personnel away from spill. Dike area and contain.

### Clean-Up Procedures:

Absorb with an inert material and put the spilled material in an appropriate waste disposal container. Dispose of in accordance with all local, state and federal regulations.

Keep out of reach of children.

## Part 7: Handling and Storage

Keep away from heat. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

### Storage

Store at temperatures below 150°F (65°C). Keep container tightly closed and in upright position.

## Part 8: Exposure Controls / Personal Protection

### Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

### Personal Protection:

Splash goggles or face shield.

## Part 9: Physical and Chemical Properties

|   |                                       |
|---|---------------------------------------|
| APPEARANCE                              | Liquid, water white                   |
| ODOR                                    | None                                  |
| BOILING RANGE                           | 185°C / 365°F                         |
| AUTO IGNITION TEMPERATURE               | 421°C / 790°F                         |
| LOWER FLAMMABLE LIMIT IN AIR (5 BY VOL) | 2.6                                   |
| FLASH POINT (TEST METHOD)               | 107°C / 225°F (TCC)                   |
| FLAMMABILITY CLASSIFICATION             | Class IIIB                            |
| SPECIFIC GRAVITY (WATER=1)              | 1.020                                 |
| POUNDS/GALLON                           | 8.50                                  |
| VOC'S (.044 LBS/Sq In)                  | 0.0 vol. % / 0.00 g/L / 0.000 Lbs/Gal |
| TOTAL VOC'S (TVOC)                      | 0.0 vol. % / 0.00 g/L / 0.000 Lbs/Gal |
| VAPOR PRESSURE (MM OF Hg) @ 20°C        | 0.1                                   |
| VAPOR DENSITY (AIR =1)                  | Not Applicable                        |
| WATER ABSORPTION                        | Complete                              |

## Part 10: Stability and Reactivity

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Incompatibility:** Reactive with reducing agents, acids, alkalis.

**Polymerization:** Will not occur.

## Part 11. Toxicological Information

**Routes of Entry:** Eye contact. Skin contact.

**Toxicity to Animals:** LD50: 18500 mg/kg [Rabbit]. Acute dermal toxicity (LD50): 20800 mg/kg [Rabbit].

**Chronic Effect on Humans:**

**Reproductive Toxicity:** Not Applicable

## Part 12. Ecological Information

**Ecotoxicity:**

Ecotoxicity in water (CL50):.5000 mg/l 14 hours [Goldfish]. .10000 mg/l 48 hours [guppy].

**Products of Biodegradation:**

Hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:**

The products of degradation are less toxic than the product itself.

## Part 13. Disposal Considerations

**Disposal Method:**

Processing, use or contamination may change the waste management options. Recycle/dispose of observing national, regional, state, provincial and local health, safety and pollution laws.

## Part 14. Transport Information

This material is Non-Hazardous (Per 49 CFR 172.101) by the U.S. Department of Transportation.

**Proper shipping name:** None

This material is not a controlled material (United States).

**UN Proper Shipping Name:** Not Applicable

**Hazardous Class or Division:** Not Applicable

**UN Number:** Not Applicable

**Packaging Group:** Not Applicable

**IMDG:** Not regulated

## Part 15. Regulatory Information

**U.S. EPA SARA sec. 311/312 Hazard Categories:** Not Known

**U.S. Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

**Canadian WHMIS Status:** This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**EPA SARA 313:** This products no components that are regulated under SARA Title III, Section 313.

*Continued*

**Part 16. Other Information****Hazard Ratings:**

HEALTH (NFPA): 0, HEALTH (HMIS): 0, FLAMMABILITY: 1, REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

Dynaflux, Inc.

241 Brown Farm Rd.

Cartersville, GA 30120

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**Disclaimer of Expressed and implied Warranties:**

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date of the Safety Data sheet was prepared. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices as specified on the label copy.