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). CARCONOGENIC 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 Medial 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 TMPERATURE	421°C / 790°F
LOWER FLAMMANBLE LIMIT IN AIR (5 BY VOL)	2.6
FLASH POINT (TEST METHOD)	107°C / 225°F (TCC)
FLAMMABILITY CLAASIFICATION	Class IIIB
SPECIFIC GRAVITY (WATER=1)	1.020
POUNDS/GALLON	8.50
VOC'S (.0.44 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
Prepared by: E. Schaffstall

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 l 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.