

Safety Data Sheet

1. Product and Company Identification

Product Name : FLUXITE[®]
Catalog Number : GF-50 (9425-888-00032)
Company Information : PREMIER Lab Supply, Inc.
 691 NW Enterprise Drive
 Port St Lucie, FL 34986 USA
Date Issued : JULY 2014
Emergency Phone Number : 772-873-1700
Business Phone Number : 772-873-1700
Fax Number : 772-873-1800

2. Hazard Identification

Emergency Overview:

Hazard Classification:

Category 2 : Skin Irritation
 Category 2A : Eye Irritation
 Category 3 : Specific target organ toxicity- single exposure

Safety Label Elements



Pictogram

Signal Word

Warning

Hazard Statements

H315 : Causes skin irritation
 H319 : Causes serious eye injury
 H335 : May cause respiratory irritation

Precautionary Statements

P261 : Avoid breathing dust, fume, gas, mist
 P305, P351, P338 : IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contacts if present and easy to do. Continue rinsing.

| Category | HMIS Classification | NFPA Rating |
|-------------------|---------------------|-------------|
| Health Hazard | 1 | 1 |
| Fire/Flammability | 0 | 0 |
| Physical Hazard | 0 | - |
| Reactivity Hazard | - | 0 |

3. Composition/Information on Ingredients

| Ingredients | CAS Number | EC Number | Weight Percent |
|-----------------------|------------|-----------|----------------|
| Dilithium Tetraborate | 12007-60-2 | 234-514-3 | 50 |
| Lithium Metaborate | 13453-69-5 | 234-514-3 | 50 |

4. First Aid Measures

General Advice:

Seek immediate medical advice with the copy of the label and MSDS. Move out of dangerous area.

After Inhalation:

Supply fresh air. If required, provide artificial respiration. Seek immediate medical advice.

After Skin Contact:

Wash with soap and water and rinse thoroughly. Seek immediate medical advice.

After Eye Contact:

Rinse opened eye for at least 15 minutes under running water. Seek immediate medical advice.

After Swallowing:

Do not induce vomiting. Seek immediate medical advice. Rinse mouth with water.

5. Fire-Fighting Measures

Suitable Extinguishing Agents: Use water spray, dry chemicals or carbon dioxide

Protective Equipment: Wear self-contained respirator and fully protective impervious suit.

Hazardous Combustion Products: Under Fire Conditions Form - Borane/Boron Oxides, Lithium Oxides

6. Accidental Release Measures

Person Precautions:

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

Environmental Protection:

Do not allow material to be released to the environment without proper governmental permits.

Methods and Materials for Containment and Cleanup:

Pick up and arrange disposal without creating dust. Keep in suitable closed container for disposal.

7. Handling and Storage Measures

Precautions for Safe Handling:

Avoid contact with skin and eyes. Avoid dust and aerosol formation. Ensure good ventilation.

Condition for Safe Storage:

Store in cool, dry place in tightly closed containers. Hygroscopic. Moisture sensitive.

8. Exposure Controls and Personal Protection

Control Parameters:

Contains no substances with occupational exposure limit values

Personal Protective Equipment:

Respiratory Protection: For nuisance exposure use dust mask. Use masks and respirators tested and approved under appropriate government standards.

Hand Protection: Handle with gloves. Inspect gloves before use. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye Protection: For eye protection use safety glasses or face shield. Use masks and respirators tested and approved under appropriate government standards.

Skin and Body Protection: The type of equipment must be selected according to the concentration and amount the dangerous substance at the specific workplace.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

| | | |
|--------------------------------------|---|--------------------------------------|
| Appearance | : | Crystalline Powder |
| Odor | : | Odorless |
| Odor Threshold | : | No Data Available |
| pH | : | No Data Available |
| Melting Point/Freezing Point | : | 850° C |
| Boiling Point | : | No Data Available |
| Flash Point | : | Not Applicable |
| Evaporation Rate | : | No Data Available |
| Explosion Limits(Upper/Lower) | : | No Data Available |
| Vapor Pressure | : | No Data Available |
| Vapor Density | : | No Data Available |
| Relative Density | : | 1.2 g/cm ³ at 25°C (77°F) |
| Solubility | : | No Data Available |
| Partition Coefficient | : | No Data Available |
| Auto-Ignition Temperature | : | No Data Available |
| Decomposition Temperature | : | No Data Available |
| Viscosity | : | No Data Available |

10. Stability and Reactivity

| | | |
|---|---|---|
| Chemical Stability | : | Stable under recommended storage conditions |
| Possibility of Hazardous Reactions | : | No Data Available |
| Condition to Avoid | : | Avoid Moisture |
| Incompatible Materials | : | Acid anhydrides |
| Hazardous Decomposition Products | : | Borane/Boron Oxides, Lithium Oxides |

11. Toxicological Information

| Acute Toxicity: | Oral LD50 | Dermal LD50 | Other information of acute toxicity |
|------------------------|-------------------|--------------------|--|
| Dilithium Tetraborate | No Data Available | No Data Available | No Data Available |
| Lithium Metaborate | No Data Available | No Data Available | No Data Available |

| | | |
|---|---|--|
| Skin corrosion/irritation | : | No Data Available |
| Serious eye damage/eye irritation | : | No Data Available |
| Respiratory or skin sensitization | : | No Data Available |
| Germ Cell mutagenicity | : | No Data Available |
| Carcinogenicity | : | No classification data of levels greater than or equal to 0.1% on carcinogenic properties of this material is available from the IARC, NTP, OSHA or ACGIH. |
| Reproductive toxicity | : | No Data Available |
| Teratogenicity | : | No Data Available |
| Specific target organ toxicity – single exposure | : | May cause respiratory irritation |
| Specific target organ toxicity – repeated exposure | : | No Data Available |
| Aspiration Hazard | : | No Data Available |
| Synergistic Effects | : | No Data Available |

Additional Information : RTECS: Not available

12. Ecological Information

Toxicity : No Data Available
Persistence and Degradability : No Data Available
Bioaccumulation potential : No Data Available
Mobility in Soil : No Data Available
Other Adverse effects : No Data Available

13. Disposal Considerations

Product : Contact a licensed professional waste disposal service to dispose.
Contaminated packaging : Dispose of as unused product

14. Transportation Information

DOT : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

15. Regulatory Information

| Chemical Name | SARA 302 | SARA 313 | SARA 311/312 Hazards |
|-----------------------|----------|----------|--|
| Dilithium Tetraborate | NO | NO | Acute Health Hazard, Chronic Health Hazard |
| Lithium Metaborate | NO | NO | NONE |

Right to Know Act :

| Massachusetts | Pennsylvania | New Jersey | California |
|----------------------------------|---|---|--|
| Not subject to Right to Know Act | Dilithium Tetraborate CAS-No. 12007-60-2 | Dilithium Tetraborate CAS-No. 12007-60-2 | Does not contain chemical known to State of California to cause cancer, birth defects or any other reproductive harm |

16. Other Information

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with the Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.