

**MATERIAL SAFETY DATA SHEET****Product Name:** Lithium metaborate**CAS No.:** 13453-69-5**Version:** 0**1. Identification**

**Product Code** : 96063  
**Company Name** : Advent Chembio Private Limited  
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**2. Hazards Identification**

**Hazard classification** : Not classified  
**Labels elements**  
**Hazard symbol** : No symbol  
**Signal word** : No Signal word  
**Hazard statement** : Not applicable  
**Precautionary statement** : Not applicable  
**Supplemental Hazard Statements** : None

**3. Composition/information on ingredients**

**Ingredient** : NA  
**CAS No.** : 13453-69-5  
**Percent** : NLT 98.0%  
**Formula** : BLiO<sub>2</sub>  
**Molecular Weight** : 49.75 g/mol

**MATERIAL SAFETY DATA SHEET****Product Name:** Lithium metaborate**CAS No.:** 13453-69-5**Version:** 0**4. First Aid Measures****Description of first aid measures**

- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- Skin contact** : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.
- Eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Swallowed** : Get medical advice/attention if you feel unwell. Rinse mouth.
- Most important symptoms and effects, both acute and delayed** : No data available
- Indication of any immediate medical attention and special treatment needed Treatment** : No data available

**5. Fire fighting measures****Extinguishing media**

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
- Special hazards arising from the substance or mixture** : Borane/boron oxides, Lithium oxides
- Advice for firefighters** : Wear self contained breathing apparatus for firefighting if necessary.

**6. Accidental Release Measures**

- Personal precautions, protective equipment and emergency procedures** : Avoid dust formation. Avoid breathing vapours, mist or gas.
- Environmental precautions** : Do not let product enter drains.
- Methods and materials for containment and cleaning up** : Sweep up and shovel. Keep in suitable, closed containers for disposal.

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- Precautions for safe handling** : Provide appropriate exhaust ventilation at places where dust is formed.
- Conditions for safe storage, including any incompatibilities** : Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature 2 - 8 °C

**8. Exposure Controls / Personal Protection**

- Exposure limit** : No data available
- Appropriate engineering controls** : General industrial hygiene practice.
- Personal protective equipment**
- Respiratory protection : Dust respirator. Follow local and national regulations
- Hand protection : Protective gloves
- Eye protection : Safety glasses. A face-shield, if the situation requires.
- Skin and Body Protection : Protective clothing. Protective boots, if the situation requires.

**9. Physical and Chemical Properties**

- Appearance** : White to off white powder.
- Odor** : No data available
- pH** : No data available
- Melting point/freezing point** : 845 °C
- Initial boiling point and boiling range** : No data available
- Flash Point** : No data available
- Vapor pressure** : No data available
- Vapor density** : No data available
- Relative density** : No data available
- Solubility in water** : No data available
- Solubility (other)** : No data available

**10. Stability and Reactivity**

- Reactivity** : No data available
- Chemical stability** : Stable under recommended storage conditions.
- Possibility of hazardous reactions** : No data available
- Conditions to avoid** : No data available
- Incompatible materials** : Strong oxidizing agents
- Hazardous decomposition products** : Hazardous decomposition products formed under fire conditions. - Borane/boron oxides, Lithium oxides

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## 11. Toxicological Information

### Information on toxicological effects

<b>Acute toxicity</b>	: No data available
<b>Skin corrosion/irritation</b>	: No data available
<b>Serious eye damage/eye irritation</b>	: No data available
<b>Respiratory or skin sensitization</b>	: No data available
<b>Germ cell mutagenicity</b>	: No data available
<b>Carcinogenicity</b>	
IARC	: No data available
NTP	: No data available
OSHA	: No data available
<b>Reproductive toxicity</b>	: No data available
<b>Route of Exposure</b>	: No data available
<b>Signs and Symptoms of Exposure</b>	: No data available

## 12. Ecological Information

<b>Toxicity</b>	: No data available
<b>Persistence and degradability</b>	: No data available
<b>Bioaccumulative potential</b>	: No data available
<b>Mobility in soil</b>	: No data available.
<b>Other adverse effects</b>	: No data available.

## 13. Disposal consideration

<b>Disposal instructions</b>	: Offer surplus and non-recyclable solutions to a licensed disposal company.
<b>Contaminated packaging</b>	: Dispose of as unused product.

## 14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
<b>DOT</b>	Not dangerous goods				

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<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods

**15. Regulatory Information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture  
No Data Available.

**16. Other Information****Issue Date :**01/08/2019**Version : 0**

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