



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

ASDI Number: 500009293  
Address: 601 Interchange Blvd., Newark, DE 19711  
Emergency Tel No: (302) 266-6891 ASDI  
Fax: (302) 266-8296 ASDI

### 2. COMPOSITION AND INFORMATION ON COMPONENTS

Product Name: 1-(Bromomethyl)-3,5-Difluorobenzene  
CAS No: 141776-91-2  
Synonyms: No data

### 3. HAZARDS IDENTIFICATION

Designation: Corrosive; Lachrymator-causes tearing of the eyes; Not flammable- By 49CFR, Flash Point above 200F (93C) USA Standards  
General Risk: Avoid inhalation, contact with skin or eyes, and ingestion. Follow safe industrial hygiene practices and always wear personal protective equipment when handling this compound.; Corrosive (causes chemical burns) to skin, eyes, and respiratory system. Spray or mist is highly irritating to the respiratory tract. Corrosive materials can result in serious injury if ingested. Harmful if ingested or inhaled.

### 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. In cases of serious discomfort seek medical attention. If not breathing, trained personnel should administer oxygen or artificial respiration.  
Eye Contact: Flush with copious amounts of water for at least 20 minutes. Seek immediate medical attention.  
Skin Contact: Remove contaminated clothing. Rinse affected area with copious amounts of water. Rinse thoroughly. In case of skin damage or persistent irritation seek immediate medical attention. Show the physician the container details.  
Ingestion: Call a physician or poison control center immediately. Induce vomiting only if instructed to do so by medical personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

Extinguishing Medium: Use fire fighting measures which suit the environment and take into account other materials which may be involved. Use carbon dioxide or dry powder for fires involving this material. In general, water-based extinguishers are not recommended for fires involving organic materials.



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Protective Equipment: Wear self-contained breathing apparatus and protective clothing. Most compounds emit toxic gases when burning.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Avoid inhalation or contact of spilled material with skin or clothing. Wear protective clothing. Keep unprotected persons away.

Environmental Protection: Evacuate area.

Collection: Absorb using vermiculite, sand, or commercially available non-reactive absorbents

### 7. HANDLING AND STORAGE

Handling: Chemicals should be used only by those trained in handling potentially hazardous materials. Chemical resistant gloves, eye protection and protective clothing should be worn. Operations should be carried out in efficient fume hood or equivalent system. Avoid breathing of dust, vapor, mist, or gas.

Storage: Keep away from ignition sources; Store in cool, dry place.; Avoid excessive heat

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory: Use in fume hood

Eye: Avoid eye contact. Wear safety glasses, goggles or, for larger quantities, a full-face shield.

Hands and Body: Avoid skin contact. Wear chemical-resistant gloves and, for larger quantities, a full arm and body protection. Wash hands thoroughly after handling.

### 9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appearance: No data

Boiling Point: 65 C @ 5 mm Hg

Melting Point: No data

Molecular Formula: C<sub>7</sub>H<sub>5</sub>BrF<sub>2</sub>

Water Solubility: No data

Flash Point: 81.66 C

Formula Weight: 207.014999

Density: No data

Lower Explosive Limit: No data

Upper Explosive Limit: No data



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PEL: No data

Auto Ignition Point: No data

### 10. STABILITY AND REACTIVITY

Reacts with strong bases; Reacts with Carbon Dioxide; Reacts with strong oxidizers; No specific data on stability, incompatibility, or reactivity is currently available. Keep away from high temperature, flames, sparks and oxidizing agents.

### 11. TOXICOLOGICAL INFORMATION

The toxicological properties of this compound have not been fully investigated. However, as a minimum precaution, it should be considered to be harmful. Precautions should be taken and procedures adopted to prevent exposure. Hazardous decomposition products may occur when this compound comes in contact with other chemicals, fire, or water.

### 12. ECOLOGICAL EFFECTS

Take care to prevent chemicals from entering the ground, water bodies, or drainage systems.

### 13. DISPOSAL CONSIDERATIONS

Disposal should be carried out via an approved contractor according to all federal, state, and local regulations.

### 14. TRANSPORT INFORMATION

UN Number: No data

Packing Group: None

Hazard Class: No data available

DOT ShipName: No data available

Other Information:

Class 8 Corrosive; No data

### 15. REGULATORY INFORMATION

None available

### 16. OTHER INFORMATION

The information on this Material Safety Data Sheet is correct to the best of our knowledge as of the date of publication. This information should be used only as a guide and is not a guarantee of any specific properties. All chemicals should be handled by qualified personnel using proper handling precautions. ASDI cannot accept liability for any loss, damage, or injury that results from the use of this chemical. THIS SUBSTANCE IS FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY.