



# 南京丰山化学有限公司

## NANJING FENGSHAN CHEMICAL CO., LTD.

### MATERIAL SAFETY DATA SHEET

#### 1. Chemical Product Identification

**Manufactory:** Nanjing Fengshan Chemical Co., Ltd.

**Address:** 1904 Centre International Plaza, 105-6 North Zhongshan Road, Nanjing City, Jiangsu Province, China.

**Tel:** +86-25-66605701

**Fax:** +86-25-86558673

**Product name:** Bromodiphenylmethane 90%TC

#### 2 Composition / Information on Ingredients

Composition	CAS No.	Content %
Bromodiphenylmethane	776-74-9	90
Other ingredients	--	10

#### 3. Hazards Identification

**Eye:** Causes eye burns. Lachrymator (substance which increases the flow of tears).

**Skin:** Causes skin burns.

**Ingestion:** Causes gastrointestinal tract burns.

**Inhalation:** Causes chemical burns to the respiratory tract

#### 4. First Aid Measures

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**Skin:** Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** Do not induce vomiting. Get medical aid immediately.

**Inhalation:** Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Notes to Physician:** Treat symptomatically and supportively.

#### 5. Fire-Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand and full protective gear. Water hydrolyzes material liberating acidic gas which in contact with metal surfaces can generate flammable and/or explosive hydrogen gas.

**Extinguishing Media:** Use foam, dry chemical, or carbon dioxide. DO NOT USE WATER!



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### 6. Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

### 7. Handling and Storage

Handling: Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood.

Storage: Store in a cool, dry place. Store in a tightly closed container.

### 8. Exposure Controls/Personal Protection

Respiratory protection: Approved respirator

Protective gloves: Rubber gloves

Eye protection: Safety goggles or face shield.

Industrial hygiene: Adequate ventilation.

### 9. Physical and Chemical Properties

Physical State: Solid

Color: orange to brown

Odor: pungent odor

Boiling Point: 184 deg C @20mmHg

Freezing/Melting Point: 36 - 40 deg C

Flash Point: > 110 deg C (> 230.00 deg F)

Decomposition Temperature:

Solubility in water: Insoluble.

Molecular Formula: C<sub>13</sub>H<sub>11</sub>Br

Molecular Weight: 247.13

### 10. Stability and Reactivity

Conditions to Avoid: Incompatible materials, exposure to moist air or water.

Incompatibilities with Other Materials: Bases, amines, alcohols, oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen bromide.

Hazardous Polymerization: Has not been reported.

### 11. Toxicological Information

LD<sub>50</sub>/LC<sub>50</sub>: Not available.

Carcinogenicity: Bromodiphenylmethane - Not listed by ACGIH, IARC, or NTP.

### 12. Ecological and Ecotoxicological Information



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Not available

### **13. Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.

### **14. Transport Information**

Not applicable

### **15. Regulatory Information**

Not applicable

### **16. Other Information**

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.