

# SAFETY DATA SHEET

## Section 1. Identification

**Product name:** 9-Fluorenylmethanol  
**Company:** Xiaoyi City Jinjing Chemical Co., Ltd  
Xi Xie Bao Village, Xiabao Town, Xiaoyi City,  
Shanxi Province, China 032300  
**Telephone:** 0086-358-7663760  
**Fax:** 0086-358-7663770  
**In case of emergency call:** 0086-13593390547  
(24 hours/day, 7days/week)

## Section 2. Composition/information on ingredients

Chemical name	Abbreviated name	CAS No.	EINECS No.	Concentration
9-Fluorenylmethanol	FMOc-OH	24324-17-2	246-167-5	98%

## Section 3. Hazards identification

### Emergency Overview:

The toxicological properties of this material have not been fully investigated.

Potential Health Effects

**Eye:** May cause eye irritation. The toxicological properties of this material have not been fully investigated.

**Skin:** May cause skin irritation. The toxicological properties of this material have not been fully investigated.

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

**Inhalation:** May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

**Chronic:** No information found.

## Section 4. First Aid Measures

**Eyes:** 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. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Never give anything by mouth to an unconscious person. Get medical aid immediately.

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

**Notes to Physician:**

## Section 5. Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

## Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:**

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

**Environmental precautions:** No special environmental precautions required.

**Methods and materials for containment and cleaning up:**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections:** For disposal see section 13.

## Section 7. Handling and storage

**Handling:** Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:** Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances.

## Section 8. Exposure controls/personal protection

**Exposure controls**

**Appropriate engineering controls:**

General industrial hygiene practice.

**Personal protective equipment**

**Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Respiratory protection is not required. Where protection from nuisance le (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure:** No special environmental precautions required.

## Section 9. Physical and chemical properties

**Physical State:** Crystalline

**Color:** Light yellow

**Odor:** None reported.

**pH:** Not available.

**Molecular Formula:** C<sub>14</sub>H<sub>12</sub>O

**Molecular Weight:** 196.25

**Vapor Pressure:** Not available.

**Viscosity:** Not available.

**Boiling Point:** Not available.

**Freezing/Melting Point:** 105.00 - 107.00 deg C

**Autoignition Temperature:** Not available.

**Flash Point:** Not available.

**Explosion Limits, lower:** Not available.

**Explosion Limits, upper:** Not available.

**Solubility:** Soluble in methanol

## Section 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. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

## Section 11 . Toxicological information

**RTECS#:** CAS# 24324-17-2 unlisted.

**LD50/LC50:** Not available.

**Carcinogenicity:** 9-Fluorene-methanol - Not listed by ACGIH, IARC, or NTP.

## Section 12. Ecological information

**Toxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Results of PBT and vPvB assessment:** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**Other adverse effects:** No data available

## Section 13. Disposal considerations

### Waste treatment methods

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

## Section 14. Transport information

### UN number

ADR/RID: -                   IMDG: -                   IATA: -

**UN proper shipping name ADR/RID:** Not dangerous goods

**IMDG:** Not dangerous goods   **IATA:**   Not dangerous goods

### Transport hazard class(es)

ADR/RID: -                   IMDG: -                   IATA: -

### Packaging group

ADR/RID: -                   IMDG: -                   IATA: -

### Environmental hazards

ADR/RID: no           IMDG Marine pollutant: no   IATA: no

**Special precautions for user:** No data available

## Section 15. Regulatory information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

S 28A After contact with skin, wash immediately with plenty of water.

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)

CAS# 24324-17-2: No information available.

Canada

CAS# 24324-17-2 is listed on Canada's DSL List.

CAS# 24324-17-2 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 24324-17-2 is listed on the TSCA inventory.

## **Section 16. Other Information**

### **Information on revision:**

**Creation Date:** January 20th, 2017

**Revision Date:** July 21st, 2018

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