



*Specialized in chemicals*

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418679

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

## Material Safety Data Sheet

### Polyquaternium-6 MSDS

#### Section 1: Chemical Product and Company Identification

**Product Name:** Polyquaternium-6

**Catalog Codes:**

**CAS#:** 26062-79-3

**RTECS:**BP6360000

**TSCA:** Not applicable.

**CI#:** Not applicable.

**Synonym:** Polyquaternium-6

**Chemical Name:** Poly(diallyldimethylammonium chloride)

**Chemical Formula:** C<sub>24</sub>H<sub>54</sub>Cl<sub>3</sub>N<sub>3</sub>X<sub>2</sub>

**Contact Information for Emergency:** (0086) 551 65418678

**Hefei TNJ Chemical Industry Co.,Ltd.**

B911 Xincheng Business Center

Qianshan Road, Hefei

230004Anhui

China

Tel : (0086) 551 65418679

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

#### Section 2: Composition and Information on Ingredients

**Composition:**

Name	CAS # %	Solid(%):
Polyquaternium-6	26062-79-3	40±1%

**Toxicological Data on Ingredients:** Not applicable.

#### Section 3: Hazards Identification

Non- irritant activity

#### Section 4: First Aid Measures

**Inhalation:** If inhaled, remove to fresh air. Get medical attention for any breathing difficulty.

**Ingestion:** Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

**Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

**Eye Contact:** Wash thoroughly with running water. Get medical advice if irritation develops.

**Doctor suggest:** based on symptom treatment.

#### Section 5: Fire and Explosion Data

**Fire:**Not considered to be a fire hazard.

**Explosion:** Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Fire Extinguishing Media:** Dry chemical, foam, water or carbon dioxide.

**Special Information:** In the event of a fire, wear full protective clothing and self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

#### Section 6: Accidental Release Measures

**Personal precautions:** Refer to section 8 of MSDS for personal protection details.

**Clean-up procedures:** Apply absorbent material and place in covered container for disposal. Dispose in accordance with federal, state and local regulations. Dilute any remainder to drain with water.

#### Section 7: Handling and Storage

**Storage conditions:** Store in a cool dry area. Protect from incompatible materials and extremes of temperature.

**Suitable packaging:** Store in original packaging. Keep container closed when not in use.

#### Section 8: Exposure Controls/Personal Protection

**Respiratory protection:** Not applicable

**Hand protection:** Not applicable

**Eye protections:** Not applicable

**Skin protection:** Not applicable

#### Section 9: Physical and Chemical Properties

**Form:** viscous liquid  
**Color:** colorless to yellowish  
**Flashing point :** N/A  
**Self sustained combustion:** N/A  
**Oxidizing property:** N/A  
**Vapor pressure:** N/A  
**Density:** 1.062g/cm<sup>3</sup>  
**Solubility in water:** solubility in water (normal temperature)  
**Viscosity(cps/25℃) :** 5,000-25,000  
**PH(1%SOV’N)** 5~8

### Section 10: Stability and Reactivity Data

**Stability:** Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:** Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Heat, incompatibles. Excessive dust generation.

### Section 11: Toxicological Information

**Person directed dysaesthesia:** none

**Carcinogenicity:** There is limited evidence that this material causes cancer in animals and humans.

### Section 12: Ecological Information

**Environmental Fate:** No information found.

**Environmental Toxicity:** No information found

### Section 13: Disposal Considerations

**Disposal of packaging:** Drain well. Dispose of as normal industrial waste.

**Note:** Dispose in accordance with state, local and federal regulations.

### Section 14: Transport Information

**ADR / RID**

**UN no:** Not classified

**IMDG / IMO**

**UN no:** Not classified

**IATA / ICAO**

**UN no:** Not classified

### Section 15: Other Regulatory Information

**Note:** This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the MSDS. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable federal, state and local regulations or provisions.

### **Section 16: Other Information**

**References:** Not available.

**Other Special Considerations:** Not available.

**Last Updated:** November 20,2008

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we m be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.*