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Hefei TNJ Chemical Industry Co.,Ltd.

B910-911 Xincheng Business Center,

Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418678

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Material Safety Data Sheet

Polyquaternium-7

Section 1: Chemical Product and Company Identification

Molecular formula: $(C_8H_{16}ClN)_n.(C_3H_5NO)_m$

CAS Nr: 26590-05-6

Molecular weight: 232.753

Synonyms: Polyquaternium-7; Agequat C 3204; Merquat 2200; Polyquaternium-7, 26590-05-6;

Contact Information for Emergency: (0086) 551 65418678

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Qianshan Road, Hefei

230004 Anhui

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	Solid(%)
Polyquaternium-7	26590-05-6	10 ± 0.5%

Section 3: Hazards Identification

Main hazards: No significant hazard. Health=0, Fire=0, Reactivity=0 (0-4, where 4=severe hazard)

Section 4: First Aid Measures

Skin contact: Not applicable

Eye contact: May cause temporary irritation and redness

Ingestion: May cause temporary soreness and redness of the mouth and throat. In large quantity, may result in vomiting or diarrhea.

Inhalation: Unlikely to be inhaled due to physical characteristics.

FIRST AID MEASURES (ACTIONS)

Skin contact: Not applicable

Eye contact: Rinse immediately with clean water for at least 10 minutes while lifting eye lids. If any soreness or irritation persists, seek medical advice.

Ingestion: Rinse mouth and throat thoroughly. Give about ½ pint of liquid to drink. Obtain immediate medical advice. Never administer liquids to an unconscious person.

Inhalation: Not applicable

Section 5: Fire and Explosion Data

Extinguishing media: This product is water based and will not support combustion. Suitable extinguishing media for the surrounding fire should be used.

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

Appearance: Colorless or light yellow viscous liquid

Charge types: Zwitter-ion; positive ion (biased cationic)

Solid content: 15%±1%,

Viscosity: 7000±3000mpa.s(25°C)

PH value : 3.5±1

Solubility: Easily soluble in cold water
Shelf life: 3 months (5°C-35°C, Avoid direct sun)

Section 10: Stability and Reactivity Data

Stability: Stable under normal conditions.
Conditions to avoid: Oxidizing agents and extremes of temperature.

Section 11: Toxicological Information

Routes of exposure: Refer to section 4 of MSDS for routes of exposure and corresponding symptoms

Section 12: Ecological Information

Persistence and degradability: Conforms to current EEC directives on biodegradability.

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.

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