

Safety Data Sheet

SDS CODE: TC-TE-RES-008:016 1/3

Version: 1.0 Last update: 2022-02-07

Tinci® POLYQUTA 550

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1	INCI Name:	POLYQUATERNIUM-7
1.2	CAS No:	26590-05-6
1.3	Chemical Classification:	Cationic surfactant
1.4	Dangerous Goods Classification:	Not assessed
1.5	Company Details:	
	Manufacture/Supplier:	Guangzhou Tinci Materials Technology Co., Ltd
	Address:	8 th Kangda Road, Yunpu Industrial Zone, Huangpu District, Guangzhou, China
	Telephone Number:	(86 20) 66601159 fax No.(86 20)82250169
	Emergency Telephone Number:	(86 20) 66601159
	Contact Person:	Technical support engineer
1.6	The date of taking effect:	March 2020

2. HAZARDS IDENTIFICATION

2.1	Overall Hazard Classification:	Not hazardous.
2.2	Hazard Information:	Not hazardous.
2.3	Route of Exposure:	Avoid contact with eyes.
2.4	Possible Health Effects:	Skin Contact and Accidental Ingestion.
	<u>Acute</u>	
	Eyes:	Mild irritation
	Skin:	Mild irritation
	Inhalation:	Not a hazard under normal handling conditions.
	Ingestion:	Acute oral LD50:>2000mg/kg(rat)
	<u>Chronic</u>	
	Skin:	Repeated or prolonged exposure may cause irritation.
	Inhalation:	No know applicable information.
	Ingestion:	Repeated ingestion or swallowing large amounts may injure internally.
2.5	Signs and Symptoms of Overexposure:	No significant adverse effects from a single exposure expected from normal use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Chemical Classification:	Polymer		
3.2	Physical Form:	Transparent, viscous liquid		
3.3	Color:	Colorless		
3.4	Use:	Cosmetics additive, Surfactant and personal care etc.		
3.5	Hazardous Ingredients:			
	Chemical Name	CAS No	Content (w/w)	Symbols & Health Risk Phrases
	Acrylamide	79-06-1	<10mg/kg	

4. FIRST AID MEASURES

4.1	Eyes:	Immediately flush eyes with plenty of water for 15 minutes. If irritation develops, consult a physician.
4.2	Skin:	Remove contaminated clothing. Wash the affected area with plenty of soap and water. If irritation develops, consult a physician.
4.3	Inhalation:	Remove to fresh air. If cough develops, see a physician.
4.4	Ingestion:	If gastrointestinal discomfort develops, consult a physician.
4.5	Comments:	Treat according to person's condition and specifics of exposure.
4.6	Note to physicians:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1	Autoignition:	Not available.
5.2	Flash point:	Not available.
5.3	Extinguishing Media:	CO ₂ , Foam, Water Fog, dry powder.
5.4	Special Fire Fighting Procedures:	Firefighters should use self-contained breathing apparatus.
5.5	Fire & Explosion Hazards:	N/A
5.6	Hazardous Combustion:	Carbon monoxide, carbon dioxide, oxide nitrogen.

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Products:		
5.7	Lower Explosion Limit:	Not applicable.
5.8	Upper Explosion Limit:	Not applicable.
5.9	Flammability Hazard Class:	1=slight.
6. ACCIDENTAL RELEASE MEASURES		
6.1	Personal Precaution:	Avoid eyes/face contact. Avoid skin contact long time. Do not take internally.
6.2	Spill and Leak Procedures:	Collect just by common tool. Clean up residual material by washing area with water. Collect washings for disposal.
7. HANDLING AND STORAGE		
7.1	Handling:	Avoid direct or prolonged contact with eyes.
7.2	Storage Conditions:	SHIP AND STORE BETWEEN 10-50°C. Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from incompatible materials (see Section 10. Stability and Reactivity).Expected shelf life if stored at recommended temperatures: 12 months.
7.3	Unsuitable Packaging Materials:	None established.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION		
8.1	Industrial Standards	Hygiene
	<u>Ingredients</u>	<u>CAS No.</u>
	unknow	
8.2	Engineering Controls:	
	Local Ventilation:	Recommended.
	General Ventilation:	Recommended.
8.3	Personal Protective Equipment for Routine Handling	
	Respiratory protection:	Wear NIOSH respirator.
	Eye protection:	Wear monogoggles.
	Hand protection:	The use of chemically resistant gloves is recommended.
	Clothing Requirements:	Uniforms, coveralls, or a lab coat should be worn.
9. PHYSICAL AND CHEMICAL PROPERTIES		
9.1	Physical Form:	Transparent, viscous liquid
9.2	Color:	Colorless
9.3	Odor:	Light odor of aldehyde
9.4	pH (25 °C, 1% soln.):	5.5-7.5
9.5	Solubility in water:	Soluble
9.6	Oxidizing properties:	Not applicable
9.7	Viscosity (25°C, mPa s):	8000-16000
9.8	Solid content (%):	9.0-10.5
The above information is not intended for use in preparing product specifications. Contact Tinci before writing specifications.		
10. STABILITY AND REACTIVITY		
10.1	Stability:	Stable.
10.2	Stability Detail:	Stable under normal temperature and pressure. Conditions To Be Avoided: heat, open flame, spark. Materials/Chemicals To Be Avoided: strong acids, strong oxidizing agents.
10.3	Reactivity Hazard Class:	Minimal hazardous polymerization.
11. TOXICOLOGICAL INFORMATION		
11.1	Possible Health Effects:	Refer to Section 3.4
11.5	Carcinogenic Effects:	None.
11.6	Other Health Hazard Information:	None.
12. ECOLOGICAL INFORMATION		
12.1	Potential Bio-accumulate:	To Unknown.
12.2	Aquatic Toxicity:	None Established.
13. DISPOSAL CONSIDERATIONS		

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13.1	Product Disposal:	Dispose of in accordance with local regulations.
13.2	Packaging Disposal:	Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.
14. TRANSPORT INFORMATION		
14.1	Road and Rail Transport:	Not assessed.
14.2	Sea Transport (IMDG):	Not subject to IMDG code.
14.3	Air Transport (ICAO):	Not subject to ICAO regulations.
15. REGULATORY INFORMATION		
15.1	Applicable Laws:	Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.
15.2	Chemical Inventories:	
	AICS:	All ingredients listed or exempt.
	DSL:	All chemical substances in this material are included on or exempted from the DSL.
	IECSC:	All ingredients listed or exempt.
	MITI:	All components are listed on ENCS or its exempt rule.
	KECL:	All ingredients listed, exempt or notified.
	EINECS:	All ingredients listed or exempt.
	PICCS:	All ingredients listed or exempt.
	TSCA:	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
16. OTHER INFORMATION		
	Contact Point:	Technical Services Engineer (86 20) 66601159
	Prepared by:	Guangzhou Tinci Materials Technology Co., Ltd
This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.		

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