



江苏苏青水处理工程集团有限公司

Jiangsu Suqing Water Treatment Engineering Group Co., LTD.

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Material Safety Data Sheet for 001x 8 H⁺

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1. Material-/ Preparation- and company name Jiangsu Suqing Water Treatment Engineering Group Co., Ltd.		
2. Composition / Ingredients	Percentage (%)	CAS No.
Polystyrene Sulphonate Acid	40 ~ 65	69011-29-9
Water	35 ~ 60	7732-18-5
3. Possible dangers		
4. First Aid measures SKIN Contact: Remove product mechanically. Rinse skin with a lot of water. EYE Contact: Rinse open eyes with a lot of water. Consult doctor. Consult doctor after inhalation. After swallowing rinse mouth and drink a lot of water. Do not administer anything in case of unconsciousness or cramp. Consult doctor in case of indisposition.		
5. Fire fighting Extinguishing agents: CO ₂ foam, extinguishing powder, in case of big fires use Water spray beam During fire fighting wear respirator with independent oxygen supply		
6. Measure in case of unintended release Clean mechanically and store in labeled and closed containers. Spilled product causes danger of slipping. Wear personnel protection equipment during work.		
7. Handling and storage Storage temperature between 5° C and 40° C Prevent of drying. Apply protection measures against electrostatic loading according To the equipment, handling and packaging of the product. Static loading lets the Material form into a ball. Sufficient ventilation necessary.		
8. Exposure limits and personnel protection equipment Eye protection: protective glasses Hand protection: protective gloves Follow the common safety measure with handling chemicals. Change dirty cloths. Wash Hands before breaks and end of work.		
9. Physical and chemical features 001x8 H ⁺ Form: Spherical particle Color: Golden to brownish Smell: a little smell Volume Exchange Capacity: 1.80 meq/ml: Density: 1.18-1.23 g/ml		

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Apparent density:	0.73-0.80g/ml
Solubility in water:	Insolubility
Flashing point:	
Ignition temperature:	
10. Stability and reactivity	<p>Thermal decomposition: No thermal decomposition in case of appropriate handling and Storage.</p> <p>Dangerous decomposition products: No dangerous decomposition products in case of appropriate handling and storage. In case of fire or thermal decomposition development of CO, CO₂, SO₂, NO₂, and other toxic gases.</p> <p>Dangerous reactions: With strong oxidizing agents are dangerous reactions possible. No dangerous reactions, if used appropriate.</p>
11. Information about toxicology	Non-toxic
12. Ecology	<p>Due to insolubility in water of the product no data available regarding toxicology.</p> <p>Do not spill in sour or any kind of water.</p>
13. Disposal	<p>According to the local regulations (e.g. controlled burning). Unclean package Materials have to be treated like the product itself.</p>
14. Transport	IMO IMDG CODE: No dangerous material for transport.
15. Regulations	<p>SARA 313 INFORMATION: To the best knowledge, this product containers no chemical subjecto SARA Title III Section 313 supplier notification requirements</p> <p>SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:</p> <p>Not to have met any hazard category</p>
16. Miscellaneous	No dangerous material for transport. Frost-resistant down to 5° C. Keep separate from food.

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 JIANGSU SUQING WATER-TREATMENT
 ENGINEERING GROUP CO., LTD.