

Material Safety Data Sheet

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Material Safety Data Sheet

Product name: Gel Strong Acid Cation Exchange Resin

Manufacturer :Kaimosi BioChem Tech Co., Ltd

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1. Product description:

Color: light yellowish color .

Shape: spherical granules.

2. General

Non-toxic under normal usage and delivery environment.

3. Physical chemistry data:

Boiling point: N/A

Melting point: N/A

Dissolvability: Insoluble in acid or alkali and organic solvent.

It has Solubility resistance in oxidizing agent and reducing agent.

Flash point: N/A Ignition limits: N/A

Ingredient	concentration	CAS number
Sodium polystyrene sulphonate	40-65%	69011-22-9
Water	35-60%	7732-18-5

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.

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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. Stability and reactivity

Hazardous decomposition product: nothing under normal industrial usage

hazardous reaction: no

6. Heat resistance: permitted temperature level 100°C, heat resisting.

7. Storage and package

Maintain moisture content in storage

Storage temperature: permitted temperature level 100°C, heat resisting.

Shelf life: 24 months

Package: sealed woven bags with plastic linings

8. HANDLING AND STORAGE

HANDLING

The maximum recommended operating temperature for this material is 120C. Properly designed equipment is essential in conjunction with strong oxidizing agents. Consult a knowledgeable source before proceeding.

STORAGE

Keep in a tightly closed container, stored in a cooled, dry, ventilated area.

STORAGE TEMPERATURE: 0C - 49C

DISPOSAL

Unused resin may be incinerated or landfilled in facilities meeting local, state, and federal regulations. For contaminated resin, the user must determine the hazard and use an appropriate disposal method.

9. Waste disposal

Incinerate or dump in landfill area according to national, state or municipal laws

and regulations. For incineration, certain rules and regulations should be observed.

10. Fire and explosion

Not being listed as flammable goods. Usually nonflammable with water content. Dried goods is

combustible in case of fire. Hazardous gas will be released upon burning. Burning residue will turn into oxy carbide compound. Fire extinguisher: general fire extinguisher.

11. Health hazards

Not hazardous to health under prolonged exposure.

12. Ecological information

The process of using the product will not cause ecological problems to the environment.

13. Toxicology

No further information.

14. Miscellaneous

User: Not being classified as hazardous to user grade.

Hazard category: not being categorized.

Hazard symbol: not necessary. Hazard usage: not necessary. Hazard warning: not necessary.

Transportation: not being classified as dangerous goods.

15. Transportation Information

TRANSPORT INFORMATION

Domestic (D.O.T.)

Proper Shipping Name: Not regulated.

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

International (I.A.T.A. / I.M.O.)

IMO information is not regulated

16. Determination of flammability the screening test of flammability is conducted with the regulation, the result indicates that the substance does not belong to flammable solid.

17. Determination of corrosives the substance does not belong to corrosives.

18. Determination of radioactive materials the substance does not belong to radioactive material.