



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

SAFETY DATA SHEET

Version: 1.0

Revision Date: 08/03/2022

1. Product and Company Identification:

Product: Guar Hydroxypropyltrimonium Chloride

Item Code: 90031

Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck: Guar Hydroxypropyltrimonium Chloride

CAS no: 65497-29-2

Composition: 86% Min Guar, balance water

Hazardous Ingredient/s: n/a

4. First Aid Measures:

Inhalation: Remove to fresh air; seek medical attention if irritation persists.

Eyes: Flush immediately with plenty of water; seek medical attention if irritation persists.

Skin: Wash with soap and water, seek medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.

5. Fire Fighting Measures:

Suitable Extinguishers: dry chemical, carbon dioxide, regular foam extinguishing agent, water spray

Extinguishers Not to be Used: none

Hazardous Decomposition Products: none

Special Fire Fighting Procedures:



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- Avoid inhalation of materials or combustion by-products.
- Cool containers with water until well after fire is out.
- Do not approach the tank surrounded by fire until it is extinguished.
- In case of conflagration, use automatic fire sprinkler. Major fire may require withdrawal, allowing the object itself to burn.
- Keep unauthorized personnel out

6. Accidental Release Measures:

Personal Precautions: none

Environmental Precautions: none

Clean Up Procedure: Sweep up and dispose of according to local regulations.

Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

7. Handling and Storage:

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.

Storage Requirements: Keep in a dry, sealed container

Temp. Max: n/a

Temp. Min: n/a

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Protection: Air-purifying respirator with high-efficiency particulate filtering - Any respiratory protection with a electromotion fan(for dust, mist, fume-purifying)

Consider warning properties before use.

Dust, mist, fume-purifying respiratory protection

For Unknown Concentration or Immediately Dangerous to Life or Health : Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.

Any self-contained breathing apparatus with a full facepiece.

Respiratory protection is ranked in order from minimum to maximum

Eye protection: Provide an emergency eye wash station and quick drench shower in the immediate work area.

Wear primary eye protection such as splash resistant safety goggles with a secondary protection face shield.

Hand protection: wear appropriate chemical resistant glove

Skin Protection: Wear appropriate chemical resistant clothing



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9. Physical and Chemical Properties:

Description: Fine, free-flowing yellow powder; characteristic aroma

pH: 9.0-11.0 (1% solution)

Melting Point: n/a

Boiling Point: n/a

Flash Point: >93°C (open cup)

Solubility in Water (by weight): Soluble

Viscosity: 3000-4000 cPs

10. Stability and Reactivity:

Condition to Avoid: none

Materials to Avoid: Moisture, hot flames

Hazardous Decomposition Products: Possible polymerization may occur

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Routes of Entry:

Oral: None

Derma: Non-toxic

Inhalation: None

Skin: Non-toxic

Eye: Mildly irritant

Acute toxicity:

Oral: Product (ATEmix): >5000mg/kg

Water: LD50 > 90000 mg/kg Rat (LD50 > 90 ml/kg) (HSDB)

Sodium chloride: LD50 3550 mg/kg Rat (ECHA)

Dermal:

Product (ATEmix) : >5000mg/kg

Sodium chloride: LD50 > 10000 mg/kg Rabbit (ECHA)

Inhalation:

Product (ATEmix): >12.5mg/L

Sodium chloride: Aerosol LC50 > 42 mg/L (ECHA)

Skin corrosion/irritation - Not available

Serious eye damage/irritation- Not Available

Respiratory sensitization - Not available

Skin sensitization - Not available

12. Ecological Information:



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Fish: Sodium chloride: LC50 5840 mg/L 96 hr *Lepomis macrochirus* (ECHA)
Crustaceans: Sodium chloride: LC50 874 mg/L 48 hr *Daphnia magna* (ECHA)
Algae: Sodium chloride: EC50 2430 mg/L 120hr *Nitzschia* sp. (ECHA)

Persistence - [Water] : log Kow = -1.38 (HSDB)
Degradability - Not available

Bioaccumulative potential - Not available
Biodegradation- not available

13. Disposal Considerations:

Shall be treated by incineration
Oil water separation technology shall be applied as pre-waste treatment if it is applicable
Stabilization and minimization treatment by incineration or similar method can be applied, if more than two kinds of designated wastes are in mixture state and it is impractical to separate them

14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

15. Regulatory Information:

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

16. Other Information:

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.