


Material Safety Data Sheet		
Guar Hydroxypropyltrimonium Chloride		
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1. Chemical Product and Company Identification

INCI Name: Guar Hydroxypropyltrimonium Chloride

CAS No.: 65497-29-2

Chemical structure: C₆-H₁₆-N-O₂. x-Cl (x-unspecified)

Trade name: Yeser® GUAR

Product application: Commonly used as a conditioning agent in shampoo formulations.

Supplier name: GUANGZHOU YESER CHEMICALS CO., LTD

Supplier address: Room 903-05, Building E, Longxi Center, No.18 Qide Road, Guangzhou City, China

Website: yeserchem.com **E-mail:** info@yeserchem.com

Contact number: +86-20- 86213761 400-0768-668

Emergency contact number: +86-20- 86213761

2. Hazards Identification

Emergency Overview

Skin: Wash contacted skin with soap and water. If discomfort persists after washing, seek medical attention.

Eye: If eye contact occurs, wash with plenty of water for 15 minutes. If discomfort persists after washing, seek medical attention.

Inhalation: If the substance is accidentally inhaled, move to fresh air. If you still have symptoms, seek medical attention.

Swallowing: If conscious, drink plenty of water to induce vomiting, and seek medical attention.


Do not administer anything to a person who is not in his or her right mind.

3. Composition/Information on Ingredients

Component	CAS NO.	Percentage %
Guar Hydroxypropyltrimonium Chloride	65497-29-2	≥90.0
Water	7732-18-5	≤10.0

4. First aid Measures

Skin contact: Wash contacted skin with soap and water. If discomfort persists after washing, seek medical attention.

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EYE CONTACT: If eye contact occurs, wash with plenty of water for 15 minutes. If discomfort persists after washing, seek medical attention.

Inhalation: If the substance is accidentally inhaled, move to fresh air. If you still have symptoms, seek medical attention.

Swallowing: If conscious, drink plenty of water to induce vomiting, and seek medical attention. Do not administer anything to a person who is not in his or her right mind.

5. Fire-fighting Measures

Extinguishing agents: Sandy soil, carbon dioxide, foam.

Firefighting precautions

Protective apparatus: Wear goggles, oxygen breathing apparatus and protective clothing to avoid contact of hazardous substances with skin and eyes.

Special Hazards: Toxic gases will be released when on fire.

6. Accidental Release Measures

Personal Protection Precautions: Use appropriate precautions to minimize contact with skin and eyes and avoid inhalation.

Cleanup: Handle with a shovel and place in a dry, clean, covered container to prevent dusting. After complete cleanup, ventilate and wash loose material.

7. Handling and storage

Handling device: Please wear appropriate protective clothing and safety gloves. Avoid skin and eye contact and inhalation. Keep away from sources of ignition, heat, open flames, strong oxidizers and food. Do not smoke in the workplace.

Storage conditions: Keep in a cool, well-ventilated place. Keep away from fire and open flame. Store in sealed containers. Do not store with strong oxidizing agents and foods.

8. Exposure controls/personal protection

Engineering controls: Mechanical exhaust, safety sprinklers and eye wash are required.

Personal protective equipment.

Breathing: Dust filter respirator

Eyes: Goggles


Clothing: Clothing with appropriate protection

Hands: Labor protective gloves

Other precautions: Smoking, drinking and eating in the workplace are prohibited. Please wash thoroughly after the operation is completed.

9. Physical and chemical properties

Appearance: Light yellow powder

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Odor: Characteristic odor

pH value(1% aqueous solution,25°C): 9.0~11.0

Drying weight loss (%): ≤10.0

Solubility: Soluble in water, difficult to dissolve in acetone and ethanol.

10. Stability and reactivity

Stability: Stable storage at room temperature and pressure.

Prohibited substances: Strong oxidizing agent

Polymerization reaction hazard: None

Harmful substances produced during decomposition: carbon monoxide, carbon dioxide, hydrogen chloride, nitrogen oxide.

11. Toxicological information

Acute toxicity: No data available.

Allergenicity: No data available.

Repeated Toxicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

12. Ecological information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulation potential: No data available.

Mobility in Soil: No data available.

13. Disposal considerations

Waste disposal method: The waste of this substance is not toxic waste. It can be disposed of by contacting a professional waste disposal company with relevant qualifications. Mix the substance with flammable materials and incinerate it in a special incinerator for chemicals. Disposal should comply with relevant environmental laws and regulations.

14. Transport information

Ground transportation: Not classified as dangerous goods according to transport regulations.

Shipping IMDG: Not classified as dangerous goods according to transport regulations.


Air transport IATA DGR: Not classified as dangerous goods according to transport regulations.

15. Regulatory Information

Relevant EU regulations and classifications

Hazard class: XI

Description: Irritants

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Manifestations: Irritation to eyes, skin, respiratory system.

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Protection: In case of contact with eyes, rinse immediately with water and seek prompt medical attention. Wear clothing with appropriate protection.

16. Other Information

Writing and revising information

Date originally compiled: August 15, 2018

Date of first revision: May 1, 2021

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END OF DATA SHEET