


Material Safety Data Sheet		
Carbomer		
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1. Chemical Product and Company Identification

INCI Name: Carbomer

Product type: Yeser® CBM980

Product application: Commonly used in detergents, personal care products, and cosmetics

Supplier name: GUANGZHOU YESER CHEMICALS CO., LTD

Supplier address: Room 1005, No. 408, Guangyun Road, Jiahe Street, Baiyun District,
Guangzhou City, China

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

Emergency contact number: +86-20- 86213761

2. Hazards Identification

Emergency overview:

Skin contact may cause discomfort and rash. Use with caution on sensitive skin. Eye contact can cause eye irritation, irritation, tearing, or blurred vision; Inhaling this product may cause respiratory irritation, cough and discomfort, and ingesting this product may cause specific discomfort symptoms such as nausea, headache or weakness.

GHS risk categories:

This product belongs to the general chemical.

Tag elements:

Pictograph: No danger icon

Warning words: No warning words.

Description of risk: None

Precautions:

Preventive measures: Clean thoroughly after operation. Contaminated clothing shall not be taken out of the workplace. Avoid release into the environment. Wear protective gloves/protective clothing/protective eye patch/protective mask.


Safe storage: Store in a well-ventilated place. Keep the container airtight. Store in a well-ventilated place. Keep it cold.

Waste disposal: Dispose of contents/containers in accordance with local/ regional/ national/ international regulations.

Physical and chemical hazards: No data available

Health hazards:

Skin contact may cause discomfort and rash. Use with caution on sensitive skin. Eye contact can cause eye irritation, irritation, tearing, or blurred vision; Inhaling this product may cause respiratory

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irritation, cough and discomfort, and ingesting this product may cause specific discomfort symptoms such as nausea, headache or weakness.

Environmental hazards: No data available

3. Composition/Information on Ingredients

Component	CAS NO.	Percentage %
Carbomer	9003-01-4	100

4. First aid Measures

Skin contact: Remove contaminated clothing and rinse with running water. Seek medical attention.

Eye contact: Lift eyelid and rinse with running water or saline. Seek medical attention.

Inhalation: Quickly remove from the scene to fresh air. Keep your airway clear.

Ingestion: Gargle with warm water to induce vomiting and seek medical attention.

Advice to protect the rescuer: Move the patient to a safe place. Consult your doctor. Show this chemical safety technical specification to the doctor on site.

Special note to doctors: No data available.

5. Fire-fighting Measures

Hazard characteristics: In contact with open flame, high heat or oxidant, there is a danger of burning.

Fire extinguishing method and extinguishing agent: water and fire extinguisher to protect fire personnel. Extinguishing agent: water, anti - soluble foam, dry powder, carbon dioxide, sand.

Fire-fighting Precautions and Protective Measures:

Firefighting personnel should wear breathing apparatus and full body firefighting suit and fight fire upwind.

Move containers from fire to open space if possible.


Containers in the fire site must be evacuated immediately if they are discolored or emit sound from the safety relief device.

Isolate the accident site and prohibit irrelevant personnel from entering. Receiving and treating fire water to prevent environmental pollution.

6. Accidental Release Measures

Quickly evacuate the contaminated area to the safety zone, and quarantine, strictly restrict access.

Cut off the fire.

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It is recommended that emergency personnel wear self-contained positive pressure ventilators and antistatic clothes. Cut off the source of leaks as much as possible. Transfer to a tanker or special collector for recycling or transport to a waste disposal site for disposal.

7. Handling and storage

Operation precautions:

Closed operation, pay attention to ventilation. Operators must be specially trained and strictly abide by operating procedures. Keep away from fire and heat sources. Use explosion-proof ventilation systems and equipment. Avoid contact with oxidants and acids. Handle lightly to prevent damage to packaging and containers. Equipped with leak emergency treatment equipment.

Storage precautions:

Keep the container airtight and store in a dry, cool and ventilated place. Keep away from heat source and open flame. Store separately with oxidizer and acid, do not confuse. Explosion-proof lighting and ventilation facilities are adopted. Mechanical equipment and tools that generate sparks are prohibited. The storage area should be equipped with emergency leakage treatment equipment and suitable holding materials.

8. Exposure controls/personal protection

Engineering control: Closed operation, pay attention to ventilation.

Eye protection: Use eye protection.


Physical protection: Wear normal work clothes.

Hand protection: Wear normal work gloves

Other protection: Smoking is prohibited on site.

9. Physical and chemical properties

Appearance (25°C)		White loose powder
Viscosity	(0.5% aqueous solution, mPa·s)	40000~60000
	(0.2% aqueous solution, mPa·s)	13000~30000
Transmittance	(0.5% aqueous solution, %, 420nm)	≥92.0
	(0.2% aqueous solution, %, 420nm)	≥92.0
Residual ethyl acetate (%)		≤0.5
Residual cyclohexane (%)		≤0.3
Acrylic acid (%)		≤0.25
Dry weight loss (%)		≤2.0
Density		No data available
Water solubility		Dissolve in water

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10. Stability and reactivity

Stability: This product is stable when stored and used at normal ambient temperature.

Incompatibility: Acids, strong oxidants.

Conditions to avoid: Source of fire.

11. Toxicological information

Acute toxicity: No data available.

Skin irritation or corrosion: Irritation of the skin.

Eye irritation or corrosion: Eye contact can cause eye irritation irritation, watery eyes, or blurred vision.

Germ cell mutagenesis: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ system toxicity -- one exposure: No data available.

Specific target organ system toxicity -- repeated exposure: No data available.

Inhalation hazard: Inhalation of this product can cause respiratory irritation, cough and discomfort and other uncomfortable symptoms.

12. Ecological information

Ecotoxicity:

Acute toxicity tests for fish: No data available.

Daphnia acute activity inhibition test: No data available.

Algal growth inhibition test: No data available.

Toxicity to microorganisms: No data available.

Persistence and degradability: No data available.

Bioenrichment or bioaccumulation: No data available.

Migration in soils: No data available.

13. Disposal considerations

Product Disposal: Dispose of in accordance with local regulations.

Packaging Disposal: Dispose of in accordance with local regulations.


14. Transport information

UN Dangerous Goods Code: No data available.

UN transport name: No data available.

UN Classification of Hazards: No data available.

Packing method: Pack according to manufacturer's method.

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Transportation precautions: The packing should be complete and the loading should be safe. During transportation, ensure that the container does not leak, collapse, fall or damage. It is strictly prohibited to mix with oxidants and acids. Hazard signs and announcements shall be posted in accordance with relevant transportation requirements.

15. Regulatory Information

The following laws, regulations, rules and standards have made corresponding provisions on the management of the chemical:

Regulations on the Safety Administration of Chemical Dangerous Substances

List of hazardous chemicals for key environmental management

Rules for the Implementation of the Regulations on the Safety Management of Chemical Dangerous Substances

Regulations on the Safe Use of Chemicals in the Workplace

16. Other Information

Writing and revising information

Date originally compiled: August 1, 2019

Date of first revision: December 1, 2021

Re-compiled according to the latest national standard GB/T 16483, the version has been upgraded from 1.0 to 2.0, and the product information has been updated.

IMPORTANT: while the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

END OF DATA SHEET