

## Material safety technical specification

### 1. Name of the substance/preparation and of the company/undertaking

Trade name:TH 112
Trade no:TH 112
Name, address and telephone number of manufacturer or supplier Hetrin Industry Group Limited No.83, Beilong Road, Dagang Town, Nansha District, Guangzhou (No.6)
Emergency contact/fax number  Contact phone number:(86)20-39116768  Fax telephone:(86)20-39111477

### 2. Component identification data

Pure substance or mixture: mixture
Ingredients: water, high polysaccharide, etc
Chemical properties: aqueous solution of hyperglycan compound
Hazardous substance composition (percentage): None

### 3. Hazard identification data

The most important harmful effect	Health hazard effect Skin contact: long-term skin contact, a few people will produce redness, irritation and other allergic phenomena. Eye contact: Moderate irritation when touched
	Inhalation: no hazard under normal application conditions Ingestion: no significant toxicity or corrosion. If swallowed in large quantities, vomiting may occur
	Environmental impact: Leakage to water source will pollute water quality
	Special hazards: None
	Main symptom: irritation

Article hazard classification: non-flammable liquid

#### 4. First aid measures

Emergency treatment for different exposure pathways:

·Inhalation: Move to fresh air immediately. If you have difficulty breathing, use oxygen to help you breathe. If asphyxiated, give artificial respiration and seek medical attention.

·Skin contact: Wash contact area thoroughly with soap and water.

·Eye contact: Rinse thoroughly with water and seek medical advice immediately.

·Ingestion: if ingested in large quantities, vomiting may occur, and immediately seek medical advice

The most important symptom and harmful effect: slight irritation to the skin

Protection of first aid personnel: proper protective equipment should be worn.

Tips for physicians: None

#### 5. Fire extinguishing measures

Applicable fire extinguishing agent: carbon dioxide, dry powder fire extinguisher, foam

Special hazards that may be encountered when extinguishing fires: smoke irritation

Special fire extinguishing procedure: None

Special protective equipment for fire fighters: None

#### 6. Oil leakage treatment method

Personal precautions: Handling personnel should wear appropriate clothing and equipment, avoid skin and eyes contact with this product.

Environmental considerations: avoid material flowing into waterways and polluting water quality

Cleaning method: disperse the absorbable material, such as cotton cloth, etc., and then scoop it up and put it into an airtight container. Flush contaminated areas with water

#### 7. Safe handling and storage methods

Disposal: Store in dry, cool and clean place

Storage: storage temperature: room temperature, do not store in too low temperature

## 8. Exposure precautions

Engineering control: keep good ventilation to avoid sparks.

Control parameters:

·8-hour daily admissible concentration/short-time admissible concentration/  
maximum admissible concentration: None

·Biological indicators: None

Personal protective equipment:

This product is not dangerous at room temperature, but it is recommended to wear appropriate protective equipment to reduce direct contact between materials and various parts of the body

·Respiratory protection: organic vapor canister mask

·Hand protection: chemical resistant gloves

·Eye protection: Goggles with side shields

·Skin and body protection: long sleeve clothes and trousers.

Hygiene measures: contaminated clothing should be washed before reuse

## 9. Physical and chemical properties

State of matter: liquid	Shape: white or yellowish translucent liquid
Color: white or yellowish translucent liquid	Bouquet: None
PH value: about 6.0~10	Boiling point/boiling point range :100
Decomposition temperature: immeasurable	Flash point: Undetectable Test method: Open the cup
Spontaneous combustion temperature: immeasurable	Explosion limit: undetectable
Vapor pressure: immeasurable	Vapor density: about 0.6~0.8
Specific gravity (water =1): about 1.01~1.06(27℃)	Solubility in water: soluble
Volatiles (%) : 93 ~ 97%	

## 10. Stability and reactivity

Stability: stability

Possible hazardous reaction under special conditions: None
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Conditions to avoid: None
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Substances to avoid: Avoid contact with substances that can react with water
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Hazardous decomposition: combustion produces carbon monoxide, carbon dioxide
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## 11. Toxicity data

Acute toxicity: None
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Local effect: None
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Sensitization: None
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Slow toxicity or long term toxicity: None
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Special effect: None
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## 12. Ecological data

Possible environmental impact/dispersal: None
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## 13. Waste disposal method

Disposal method: according to local regulations and regulations
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## 14. Shipping information

International transport regulations: Non-dangerous goods
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Domestic transport regulations: Non - dangerous goods
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Special delivery method and precautions: None
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## 15. Regulations data

Applicable regulations: None

## 16. Other information

reference	
Tabulation unit	Name:Hetrin Industry Group Limited
	Address/Tel : No. 83, Bei Long Road, Dagang Town, Nansha District , Guangzhou/(86)20-39116768
Lister	Job title: chemist      Name (signature) :Kelly Wang
Tabulating date	2021/08/01

### \*\*\*Matters needing attention\*\*\*

The information and recommendations in this document apply only to the company's products. Information and recommendations are drawn from our research and analysis, as well as from other authentic and reliable sources. This material should not be regarded as a document warranting the characteristics of the product. You want to verify before you use it.

The given data can meet the operating conditions and achieve the desired purpose.