
Material Safety Date Sheet

Date: June.27th, 2024

Product name **SOFTENER**

1、Chemical product and company identification

Chemical name: quaternary ammonium salt lipid spinning acid derivatives

Product responsibility unit:

Supplier: GuangZhou JBY enzyme Co.,Ltd

2、Composition / information on ingredients

Fatty acid amide

3、Risk overview

May be irritating to eyes and skin

Touch and can cause skin allergy

4、First aid measures

1.Inhalation: Remove to fresh air, if feel discomfort or contact time is too long, should seek medical treatment

2.Skin contact: Remove contaminated clothing, wash with soap and a large amount of water cleaning contact with skin

3.Eye contact: Immediately rinse with plenty of water for at least 10 minutes, serious person.

4.Ingestion: Rinse thoroughly with water, drink plenty of water, medical treatment

The doctor recommended: According to the symptoms for treatment

5、Fire fighting measures

Fire extinguishing agent: According to the circumstances surrounding the selection of fire extinguishing agent

Limit: Unlimited

Fire / explosion: No

Main combustion gas: Nitrite and ammonia gas

Personal protection: Export to the respirator

6、Emergent treatment of leakage

Personal protection: Adaptation of safety goggles

Protective rubber gloves

Let not equipped with protective equipment from

7、Handling and storage

Occupational health: Avoid ingestion, inhalation, skin and eye contact, to comply with good industrial hygiene habits and requirements for operation

Fire protection measures: No special measures should be taken

Storage requirements: Stored in a cool, dry has reasonable ventilation area

Quarantine measures: No special measures should be taken

Storage conditions: The storage conditions of minimum temperature not lower than 10 DEG C.

The highest temperature of not more than 40 DEG C.

To ensure the workplace all good ventilation / exhaust

The container should be closed

8、Contact control and personal protection

Occupation exposure limit: See the relevant state regulations

Personal protection

Basic personal protective: Adaptation of safety goggles

Protective rubber gloves

Let not equipped with protective equipment personnel
leaving

9、Physical and chemical properties

Form : Viscous liquid

Color: Light yellow

Odor: A faint characteristic odor

Safety related data

Melting point: About 90 DEG C.

Spontaneous ignition temperature: More than 160 DEG C

Explosion limit: Without the risk of explosion

Density: 1.0~1.05g/cm³

Solubility in water: Dispersed

PH: (10% water,25 degrees C) is about 4~ 6

Viscosity: (10% water,25 degrees C) <3000mpa.s

Ion resistance and compatibility: Can and cationic, non-ionic substances can coexist,
with anionic substances fall

10、Stability and reactivity

Avoid contact conditions: To prevent the temperature more than 40 DEG C.

Avoid contact with the material: Strong acid, strong alkali, strong oxidizing agents

Hazardous decomposition products : If the product is in accordance with the recommendations of the method used, do not release dangerous substances

11、Toxicological information

Acute toxicity

LD50, LD50swallow: >2000mg/kg Rat

The initial skin irritation test: Stimulation Rabbit

On the adverse effects of: Repeated exposure may cause an allergic skin,

Supplemental information: Acute toxicity of similar composition of the product test

12、Ecological information

Ecological toxicity data

On bacterial toxicity

LC50Toxicity to fishes in the LC50: <100mg / L 96 hours

Metal content: Metal content is lower than the dye manufacturing industry ecology and toxicology Association recommended limits

Supplemental information : Does not contain formaldehyde, ethylene two aldehyde substance , Do not contain azo, nitroso and other carcinogenic substances

13、Filled with

Product: Have to be connected to a local Ordinance dumped into landfills or incineration

The contaminated packaging: Contaminated packaging must be used as chemical waste disposal

14、Transport information

According to the traffic regulations, not classified as dangerous goods

15、Regulatory Information

Not subject to labeling

16、Other information

This information is based on our current knowledge of writing, therefore does not guarantee that certain properties of completely correct, acceptance of the product receiving personnel, should bear the responsibility to comply with current laws and regulations。
