

MSDS

Rat-proof Plastic Auxiliary Safety Data Sheet

1. Chemical and enterprise identification

1.1 Product: Anti-rodent Plastic Auxiliary

1.2 Enterprise status:

1.2.1 Factory: Tonglu Leitai Biotechnology Co., Ltd.

Tel: 008657169968168 Fax: 008657169968178 Address: No. 195 , Xihuan Road, Hengcun Town, Tonglu County, Hangzhou City, Zhejiang Province, China

1.2.2 Tel of inquiry office: 013905772710 Fax: 008657169968168

1.2.3 Emergency telephone: 013806550988 Fax: 008657169908666

2. Ingredient and composition information

2.1 Ingredient: Nonivamide

CAS Number 2444-46-4

EEC - No. 219-484-1

3. Hazard overview

3.1 Risk

3.2 Chemical Description:

Has a strong and spicy taste, which is irritating to the respiratory tract and causes coughing

In contact with the skin, the skin becomes red and painful with intense irritation

In contact with eyes, it will be red, swollen, and intensely irritated and painful.

4. First aid measures

4.1 General Information

Immediately wash with ice-cold water after contact, subsides spontaneously after 30 minutes.

4.2 Skin Contact

Immediately remove affected clothing and wash exposed skin thoroughly with cold water.

4.3 Eye Contact

Open eyes and rinse with plenty of water for 15 minutes

Contact an ophthalmologist

4.4 Inhalation treatment

Take the affected person to fresh air

4.5 Ingestion processing

drink plenty of water

4.6 Notes to doctors

4.6.1 Potential symptoms

Eye and skin contact irritation, severe pain, respiratory irritation causing cough

4.6.2 Information on treatment methods

Treat according to symptoms

5. Fire protection measures

5.1 Suitable fire extinguishers

Adjust fire fighting measures according to the environment, Nonivamide is non-flammable, dry powder or slaked lime is permitted.

5.2 Special fire fighting equipment

Respirators and Protective Clothing

5.4 Special Risks

none

6. Emergency treatment of leakage

6.1 Personal protection

Wear plastic or rubber gloves and protective glasses.

6.2 Environmental protection

Avoid heating.

6.3 Spill and leakage treatment methods

Stop the spill, put it in a suitable container, use a suitable absorbent (lime, soda, bicarbonate) on the ground, and thoroughly clean the contaminated object with ethanol.

7. Handling and storage

7.1 Disposal

7.1.1 Safe disposal information

Avoid spills, splashes, and maintain a ventilated, open environment for operation. Gas mask with protective gloves and E2 filter paper (identification color: yellow)

7.1.2 Fire and explosion-proof

Nonivamide is not flammable, but it has a strong pungent taste after being heated. Adjust fire prevention measures according to the environment
Keep the container away from heat sources to avoid the pungent smell being emitted after being heated.

7.2 Storage

7.2.1 Storage location and container requirements

Store in an airtight, cool place.

7.2.2 Storage constraints

Do not mix with food.

7.2.3 Other storage information

Avoid exposure to heat

8. Exposure control and personal protection

8.1 Precautions

Storage location and container according to 7.1.2

8.2 Personal protection

8.2.1 Respiratory protection

Gas mask with E2 filter paper

8.2.2 Hand protection

plastic or rubber gloves

8.2.3 Eye protection

goggles

8.2.4 Body protection

work clothes

8.2.5 General protective measures

Avoid contact with skin and eyes.

8.2.6 Hygiene measures

It is forbidden to eat, drink and store food in the workplace, and wash hands and face thoroughly with soap and water after work

Perform preventive skin protection.

9. Physical and chemical properties

9.1 Appearance

9.1.1 Form: Viscous liquid (solid below 0 °C)

9.1.2 Color: Light yellow to light brown

9.1.3 Odor: Odorless

9.2 Physical State Points

9.2.1 Melting point: 12 °C

9.2.2 Boiling point: 340 °C

9.3 Detonation point

9.3.1 Flash point: not applicable

9.3.2 Auto-ignition temperature: not applicable

9.3.3 Explosion limit: not applicable

9.4 Atmospheric pressure (20 °C) :

9.5 Density

9.5.1 Liquid density (20 °C) : 1.007g/cm³

9.5.2 Bulk density: not applicable

9.6 Solubility

9.6.1 Water (25 °C) g/l : 27ppm/l

9.6.2 PH value: PH3-5 , showing weak acidity,

9.6.3 Other solvents g/l : miscible with ethanol, chloroform and most organic solvents.

10. Stability and reactivity

10.1 Conditions to avoid

Exceeding 100 °C leads to the volatilization of gas with a strong pungent smell

10.2 Insoluble matter

water

10.3 Other information

none

11. Toxicological information

11.1 Toxicological tests

11.1.1 Toxicity

Numeric / Range Units Method

LD50 oral test mg/kg 4400

11.1.2 Some special effects of animal testing

No significant specific effects

11.1.3 Irritation / Corrosion

Eyes: Irritating

Skin: Irritating

11.1.4 Sensitivity

Eyes: Clearly affected

Skin: Clearly affected

11.1.5 Effects of repeated and prolonged exposure

have a clear impact

11.1.6 Effects of carcinogenicity, basal protrusion and deformity

no clear impact

11.2 Practical experience

11.2.1 Related grade information

It irritates the skin due to the strong spicy smell, causing redness and swelling, and feeling uncomfortable

Pain and tears due to fusion of eyes

Cough due to smelling acrid.

11.2.2 Other information

none

12. Ecological information

12.1 Degradation

12.1.1 Physical and chemical elimination

none

12.1.2 Biodegradation

Degraded to carbon dioxide and water

12.1.3 Other information

none

12.2 Sewage treatment white

12.2.1 Potential for accumulation: Not applicable

12.2.2 Other information: none

12.3 Ecological impact

12.3.1 Water toxicity

Fish: no applicable value

Daphnia: no applicable value

Seaweed: No applicable value

Bacteria: No applicable value

12.3.2 Sewage treatment

No applicable value

12.3.3 Other information

non-toxic to living organisms

13. Disposal

13.1 Waste liquid

Pour into the waste residue (cinder) and burn it.

13.2 Contaminated Packaging

Empty the container, pour it into the container after washing with ethanol and other solvents, distill and recover the solvent, and dispose of the waste liquid according to 13.1 . After cleaning, the container can be used like other containers.

14. Transportation information

Non-dangerous goods, do not mix with food

15. Regulatory information

Labelling according to EEC directives

Danger Signs:

R wording:

R20/22 (harmful if inhaled or swallowed)

R35 (causing localized burns)

S wording: S26 (in case of contact with eyes, rinse immediately with water and seek medical advice)

S36/37/39 (wear protective clothing, gloves, eye and face protection)

S45 (In case of accident or discomfort, seek medical assistance immediately)