



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name : Neotame

Chemical name : N-N-(3,3-dimethylbutyl)-L-a-aspartyl]-L-phenylalanine
1-methyl ester

CAS No. : 165450-17-9

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, manufacture of substances.

1.3 Details of the supplier of the safety data sheet

Company: Aurora Industry Co.,Ltd.

Tel: 0411-82288674

Address: Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

2. HAZARDS IDENTIFICATION

Hazards Identification:

According to GHS

Physical hazards: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

Emergency Overview:

To the best of our knowledge, information and data, we couldn't know the health and environmental hazards.

3. INFORMATION ON INGREDIENTS

Product name: Neotame

Ingredient	Concentration	CAS No.	EC No.
Neotame	97-102%	165450-17-9	/

4. FIRSTAID MEASURES

Skin Exposure:

In case of contact, immediately wash skin with copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.



Inhalation Exposure:

If inhaled, remove to fresh air. If breathing is difficult, give oxygen.

Oral Exposure

If victim is conscious, wash mouth out with water. Get medical aid immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

Methods for Cleaning up:

Sweep up with spade and transfer to a dry, clean lidded container for disposal.

Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

Do not let product enter drains.

7. HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid formation of dust. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities; strong oxidizing agents. No smoking at working site.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, and flame. Keep away from sources of ignition.

Incompatible: strong oxidizing agents.

8. EXPOSURE CONTROLS

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:



Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles if needed.

Clothing: Wear appropriate protective clothing.

Hand: Safety gloves.

Other protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance:	White powder
Odor:	Weak odor
Melting Point/°C:	83.6 °C
pH Value:	5.4(25 °C,50.0g/L)
Solubility:	Slightly soluble in water
Molecular:	$C_{20}H_{30}N_2O_5$
Formula:	
Molecular Weight:	378.46

10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Heat

Materials to Avoid:

Strong oxidizing agents

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon oxides, Nitrogen oxides(NO_x).

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/irritation:	No data available.

12. ECOLOGICAL INFORMATION

Toxicity:	No data available
Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.



13. DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material.
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

14. TRANSPORT INFORMATION

RID/ADR: Non-Hazardous for transport: This substance is considered to be non-hazardous for transport.

IATA: Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO: Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

15. REGULATORY INFORMATION

Regulation(EC)No.1272/2008 and its amendments:

Not a hazardous substance or mixture according to Regulation (EC)No.1272/2008.

16. OTHER INFORMATION

Date:

01/01/2023

Department

Aurora Industry Co.,Ltd.

Other Information:

The above information is believed to be correct but does not purport to be exhaustive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information and we assume no liability resulting from its use. User should make their own investigation to determine the suitability of the information for their particular purpose. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequent or exemplary damages, however arising from using the above information.