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## MATERIAL SAFETY DATA SHEET

Product Name: Aspartame

Revision Date: 2013-06-24

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Shanghai Research Institute of Chemical Industry Testing Centre  
Shanghai Classification and Testing Centre of Dangerous  
Chemicals for State Administration of Work Safety

# Shaoxing Marina Biotechnology Co., Ltd.

## SAFETY DATA SHEET

### Aspartame

#### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Aspartame  
**Company:** Shaoxing Marina Biotechnology Co., Ltd.  
**Address:** Intersection of Binhai Avenue and Zhenghai Road, Binhai Industrial District, Shaoxing County, 312073. P. R. China  
**Email:** monicaxie@jishangroup.com  
**Fax:** 86-575-81195228  
**Emergency Phone:** 86-575-81195253  
**SDS Number:** 2613050054  
**SDS Date:** 2013-06-24

#### SECTION2 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 have not yet known the health and environmental hazards.

#### SECTION3 INFORMATION ON INGREDIENTS

**Product name:** Aspartame

Ingredient	Concentration	CAS No.	EC No.
Aspartame	100%	22839-47-0	245-261-3

#### SECTION4 FIRST-AID MEASURES

##### Skin Exposure:

In case of contact, immediately wash skin with soap and 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 necessary, get medical attention.

**Oral Exposure:**

If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

**SECTION5 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.

**SECTION6 ACCIDENTAL RELEASE MEASURES**

**Procedure of Personal Precaution:**

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

**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.

**SECTION7 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.

**SECTION8 EXPOSURE CONTROL/PPE**

**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

**Personal Protective Equipment:**

Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles if needed.

Clothing: Wear appropriate protective clothing.

Hand: Protective gloves.

**Other Protect:**

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

**SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

Appearance: White powder  
Odor: Weak odor  
Molecular Formula:  $C_{14}H_{18}N_2O_5$   
Molecular Weight: 294.30  
Melting Point/°C: >240°C carbonization  
pH Value: 4.8 (25°C, 50.0g/L)  
Solubility: Weak soluble in water

**SECTION10 STABILITY AND REACTIVITY**

Stability:  
Stable under normal temperatures and pressures.  
Materials to Avoid:  
Strong oxidizing agents.  
Hazardous Polymerization:  
Will not occur.  
Hazardous Decomposition Products:  
Carbon oxides, nitrogen oxides (NO<sub>x</sub>).

**SECTION11 TOXICOLOGICAL INFORMATION**

Acute toxicity:  
Rat Oral LD<sub>50</sub>: >10000mg/kg  
Skin corrosion/irritation:  
No data available.  
Serious eye damage/irritation:  
No data available.

**SECTION12 ECOLOGICAL INFORMATION**

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

**SECTION13 DISPOSAL CONSIDERATION**

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 and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

**SECTION14 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.

**SECTION15 REGULATORY INFORMATION**

**Regulation (EC) No. 1272/2008:**

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

**SECTION16 OTHER INFORMATION**

**Date:** 2013-06-24

**Department:** Shanghai Research Institute of Chemical Industry Testing Centre  
Shanghai Classification and Testing Centre of Dangerous Chemicals for State Administration of Work Safety  
Tel (Fax) :8621-52815377/52800971/52807275/52811034/52569800

**Revision:** 0

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