



中国认可
检验
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SAFETY DATA SHEET

Product Name: Nicotine tartrate (Nicotine salt)

Revision Date: 2018-01-05

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Shanghai Research Institute of Chemical Industry Testing Centre



Xi'an Taima Biological Engineering Co., Ltd.

SAFETY DATA SHEET

Nicotine tartrate (Nicotine salt)

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Nicotine tartrate (Nicotine salt)
Company: Xi'an Taima Biological Engineering Co., Ltd.
Address: No.69, Jinye Road, Xi'an, 710065 ,China
Email: xataima@126.com
Fax: 86-29-81110978
Emergency Phone: 86-29-81110978 ; 86-13072980070
SDS Number: 2617120097
SDS Date: 2018-01-05

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

Classification according to GHS:

Acute toxicity, Oral (Category 2)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 1)

Acute aquatic toxicity (Category 2)

Chronic aquatic toxicity (Category 2)

The hazards not mentioned are not applicable or no data available.

Emergency Overview:

Fatal if swallowed, in contact with skin and if inhaled. Toxic to aquatic life with long lasting effects.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Nicotine tartrate (Nicotine salt)

Ingredient	Concentration	CAS No.	EC No.
Nicotine tartrate	99.5%	65-31-6	200-607-2

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, immediately wash skin with soap and copious amounts of water. Call a physician immediately.

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. Call a physician immediately.

Inhalation Exposure:

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If feel unwell, get medical aid immediately.

Oral Exposure:

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

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Firefighting:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing dust. Entry to noninvolved personnel should be controlled around the leakage area by roping off, etc.

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:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid formation of dust. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. Wash hands and face thoroughly after handling. 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.
Eye: Chemical safety goggles.
Clothing: Wear impervious 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: Odorless
Melting Point/°C: 86.5°C
pH Value: 5.1-5.2
Solubility: Soluble in water
Molecular $C_{18}H_{26}N_2O_{12}$
Formula:
Molecular Weight: 462.41

SECTION10 STABILITY AND REACTIVITY**Stability:**

Stable under normal temperatures and pressures.

Conditions to Avoid:

No data available.

Materials to Avoid:

Strong oxidizing agents.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon oxides, Nitrogen oxides (NO_x).

SECTION11 TOXICOLOGICAL INFORMATION**Acute toxicity:**

Rat Oral LD₅₀: 65mg/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: Proper Shipping Name: Nicotine tartrate
Hazard Class: 6.1
UN Number: UN1659
Packing Group: II

IATA: Proper Shipping Name: Nicotine tartrate
Hazard Class: 6.1
UN Number: UN1659
Packing Group: II

IMO: Proper Shipping Name: Nicotine tartrate
Hazard Class: 6.1
UN Number: UN1659
Packing Group: II
EmS-No: F-A, S-A
IMDG Marine pollutant: Yes

SECTION15 REGULATORY INFORMATION**Regulation (EC) No.1272/2008 and its amendments:**

Acute toxicity, Oral (Category 2)
Acute toxicity, Inhalation (Category 2)
Acute toxicity, Dermal (Category 1)
Chronic aquatic toxicity (Category 2)

SECTION16 OTHER INFORMATION**Date:**

2018-01-05

Department:

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Revision:

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Other Information:

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