

MSDS-Material Safety Data Sheet

DL-TARTARIC ACID

Date of Issue: 2017

COMPANY DETAILS

Company: ANHUI APPLE BIOLOGICAL TECHNOLOGY CO.,LTD.

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1. Product Identification

Product Name:DL-Tartaric Acid(Anhydrous)

Synonyms:2,3-Dihydroxybutanedioic acid,Wine Stone Acid

Chemical Name: C₄H₆O₆

Molecular Weight:150.09

Cas.No.:[133-37-9]

2. Composition/Information on Ingredients

Ingredient	Cas No	Percent	Harzardous
DL-Tartaric Acid	133-37-9	99.5%	NO

3. Hazards Identification

Avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Emergency Overview

CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

Potential Health Effects

Inhalation:

May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

Ingestion:

Large oral doses may cause irritation to the gastrointestinal tract. May cause sore throat, abdominal pain. Large doses can have cathartic effects.

Skin Contact:

May cause irritation with redness, pain and Blisters.

Eye Contact:

DL-TARTARIC ACID

May cause irritation, redness and Severe deep burn.

4. First Aid Measures

Inhalation:

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion:

If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact:

Remove contaminated clothes. Rinse and then wash skin with water and soap. Refer for medical attention.

Eye Contact:

Immediately flush eyes with plenty of water for several minutes, lifting upper and lower eyelids occasionally, then take to a doctor.

5. Fire Fighting Measures

Fire:

As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Fire Extinguishing Media:

Water spray, dry chemical, or carbon dioxide.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment.

Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. Handling and Storage

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

None established.

Ventilation System:

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:

Colorless, transparent crystals or white powder.

Taste:

With sour taste.

Stability:

Stable in air

Loss on drying:

≤0.5%(11.5)

Melting Point:

200 - 206°C

Content:

≥99.5%

Heavy Metals (Pb):

≤0.001%

Arsenic(As):

≤0.0002%

Sulphate(SO₄):

≤0.04%

Residue on ignition:

≤0.10%

Oxidable matter:

Passed

10. Stability and Reactivity

Stability:

Stable under ordinary conditions of use and storage.

Hazardous Polymerization:

Will not occur.

Conditions to Avoid:

Heat, flames, ignition sources and incompatibles.

11. Toxicological Information

No information found relating to normal routes of occupational exposure.

-----\Cancer Lists\-----

---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
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DL-Tataric acid (133-37-9)	No	No	None
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There is no carcinogenic ingredient present

12. Ecological Information

Environmental Fate:

DL-TARTARIC ACID

No information found.

Environmental Toxicity:

No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

14. Transport Information

Protect the product from sunshine or rain. Do not transport them together with poisonous or harmful goods. This product belongs to the non-dangerous product category and can be transported as a general chemical product.

15. Regulatory Information

Poison Schedule: No information found.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

Label Hazard Warning:

CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT.

Label Precautions:

Avoid contact with eyes, skin and clothing.

Avoid breathing dust.

Keep container closed.

Use with adequate ventilation.

Wash thoroughly after handling.

Label First Aid:

If inhaled, remove to fresh air. Get medical attention for any breathing difficulty. In case of contact, immediately flush eyes or skin with plenty of water for several minutes. Get medical attention if irritation develops or persists.
