



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
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SAFETY DATA SHEET

Version: 1.0

Revision Date: 12/09/2020

1. Product and Company Identification:

Product: Cream of Tartar

Item Code: 99059

Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck:

Potassium Bitartrate with assay similar or superior to 99.5 %

Chemical name: Monopotassium SALT of L-2,3-dihydroxybutanedioic acid

Hazardous Ingredient/s: n/a

CAS no: 868-14-4

EINECS no: 2127691

4. First Aid Measures:

Skin contact: In case of contact with skin, wash off immediately with plenty of water. Consult a doctor if skin irritation persists.

Eyes contact: Rinse thoroughly with plenty of water, use alkaline eye drops and consult an ophthalmologist.

Ingestion: In the event of an ingestion, take sodium bicarbonate in moderate doses and seek medical advice.

Inhalation: Breathe fresh air, if necessary use a mask and seek medical advice.

5. Fire Fighting Measures:

Suitable Extinguishers: Water under pressure. Foam. Carbonic gas. Dry powder.

Extinguishers Not to be Used: none



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Hazardous Decomposition Products: In case of fire, gas and hazardous vapours may be formed.

Special Fire Fighting Procedures: none

Additional Information: Water for extinction must not arrive to sewers, to ground nor water. Provide enough devices for extinction water retention. Fire rests and extinction water contaminated must be eliminated according to current local laws.

6. Accidental Release Measures:

Personal Precautions: none

Environmental Precautions: none

Clean Up Procedure: Sweep up and dispose of according to local regulations. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

7. Handling and Storage:

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.

Storage Requirements: Keep in a dry, sealed container

Temp. Max: n/a

Temp. Min: 25°C

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Protection: Use with adequate ventilation

Eye Protection: Wear safety glasses

Skin Protection: Protective clothing is not necessary

9. Physical and Chemical Properties:

Description: Colorless, white powder; odorless

Extracted Method: Naturally occurring salt

Melting Point: 230°C/446°F

Boiling Point: n/a

Solubility in Water (by weight): At 10°C: 4g/1000ml; At 100°C: 61 g/1000ml

pH 1% in water: 3.3-3.5

Specific Density at 20°C: 1.2g/ml

Specific Rotation: Watery solution 20/00, 20°C, 589,2nm. (+32,5° at +35,5°)

Combustion Heat: 275,1 Kcal/mol.



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10. Stability and Reactivity:

**In normal conditions, it is TOTALLY STABLE to the air and to the light.
IT IS NOT HIGROSCOPIC, NOT EFLUORECENT.**

INCOMPATIBILITIES: In a watery solution mixed with CARBONATES, it produces abundant foam with leak of CARBONIC ANHIDRID (CO₂).

OESCOMPOSITION DANGER

NOT-EXISTENT in normal conditions.

POLYMERITATION: NOT-EXISTENT in normal conditions.

STORAGE CONDITIONS: Store in a dry place away from toxic products.

11. Toxicological Information:

This product IS NOT TOXIC.

LOSO/LCSO: oral-rat LDLo: 22g/kg

Recommended human dose 0.38 mg/kg weight

Carcinogenicity: Not described any risk in this field.

Mutagenicity: Not described any risk in this field.

Main ways of absorption: Inhalation, mucous membranes, consumption.

12. Ecological Information:

General Information: Biodegradable

Ecotoxic Information: Unknown with concentrations that present.

13. Disposal Considerations:

Product: Could be incinerated using a postburner and gases picker. **Packaging:** Those in paper and plastic could be Incinerated.

14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

15. Regulatory Information:

Signposting and labelling according to CEE regulations.

The substance is a food additive, and can be labelled like this. A special precautionary labelling is not compulsory.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals



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16. Other Information:

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.