

SAFETY DATA SHEET (SDS)

CREAM OF TARTAR

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY:

1.1 Product Identifier.

Product name: Cream of Tartar

Chemical Name: Potassium Bitartrate, Potassium Acid Tartrate, L(+) Potassium Hydrogen Tartrate, Monopotassium SALT of L-2,3-dihydroxybutanedioic acid

Chemical Family: Salt of organic acids dihydroxilados

N. CAS: 868-14-4

E Number: E336

Molecular weight: 188.18

Chemical formula: C₄H₅KO₆

1.2 Relevant identified uses of the substance and uses advised: pH regulator and tartaric acid stabilizer in wine production, is used in food as additive, leavening agent for baking powder, cosmetic area, pharmaceutical, laboratory and metal products.

1.3 Details of Supplier

Lab Alley LLC
22111 Highway 71 West, Suite 601
Spicewood, Texas 78669
Tel.: 512-668-9918

1.4 Emergency Telephone Number:

Infotrac: 800-535-5053

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the Substance: Cream of tartar is not classified as dangerous under Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) and its subsequent amendments and adjustments

Classification according to EC REG. No. 1272/2008: Not qualified

Classification according to REG. 67/548 / EEC and 1999/45 / EC: Not qualified

Physicochemical hazards: None identified

Hazards for humans: None Identified

Dangerous for animals and the environment: None Identified

2.2 LABEL ELEMENTS:

According to EC REG. No. 1272/2008: No labelling Applicable

Symbol: None applicable

2.3 Other hazards: As part of the procedure for good hygiene, industrial and personnel security, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

GRAS (Generally Recognized as Safe): Product is included in the GRAS list.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS:

3.1 Substances: 100% cream of tartar (potassium bitartrate) - (see 1.1)

SECTION 4: FIRST AID MEASURES:

4.1 Description of first aid

General advice: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show this safety data sheet to the doctor).

Inhalation: Move the person to fresh air. Get medical attention for any breathing difficulty.

Ingestion: Do not induce vomiting. If large amounts are ingested, give water to drink. In severe cases seek medical advice.

Skin contact: Wash with soap and water. Consult a physician if irritation develops.

Eye Contact: Wash thoroughly with running water. Consult a physician if irritation develops.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Not expected to be a health hazard.

Ingestion: No adverse effects are expected.

Skin contact: Not expected to be a health hazard from skin exposure.

Eye contact: May be mildly irritating. Not expected to be a health hazard.

Chronic Exposure: No information found

Worsening of Pre-existing Conditions: No information found



4.3 Indication of any immediate medical attention and special treatment: If in doubt, seek medical advice.

SECTION 5: FIRE-FIGHTING MEASURES:

5.1 Extinguishing media: Water spray, dry powder, foam or carbon dioxide.

5.2 Special hazards arising from the substance

Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard

5.3 Advice for firefighters: Use protective breathing equipment and clothing suitable for the surrounding fire. Avoid extinguishing water from entering the environment.

SECTION 6: ACCIDENTAL RELEASE MEASURES:

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Non-Emergency Personnel: Evacuate unnecessary personnel from contaminated area.

Emergency Personnel: Ventilate area, equip cleanup crew with appropriate protective equipment (see section 8)

6.2 Environmental Precautions: Prevent entry to drains, sewers, and surface/ground waters.

6.3 Methods and Material for Containment and Cleaning Up: Cover the drains to avoid product going into the sewage system; collect the spilled material in appropriate containers using a method that does not generate dust (vacuum cleaner or wet sweeping) for reclamation or disposal in accordance with local rules.

6.4 Reference to Other Sections: See Section 13

SECTION 7: HANDLING AND STORAGE:

7.1 Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking, and when leaving work. Ensure adequate ventilation, especially in confined areas, to minimize dust generation and accumulation.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

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.

7.3 Specific End Uses: See 1.2



SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

8.1 Control Parameters: None established.

8.2 Exposure Controls

Ventilation System: Provide 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.

Personal Protective Equipment (PPE):

Personal Respirators (NIOSH Approved): Not expected to require personal respirator usage. For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use safety glasses or chemical goggles. Maintain eye wash fountain and quick-drench facilities in work area.

Hygiene Measures: Handle with accordance with good industrial hygiene and safety practice. Wash your hands before breaks and at the end of the workday. Keep away from food and drink. Wash work clothing and PPE periodically to remove

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Information on Basic Physical and Chemical Properties

Appearance: Colorless crystals or white crystalline powder

Physical State: Solid

Odor: Odorless

Odor Threshold: N/A

pH: No data available

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Flammability: Not flammable **Upper Limits:** N/A **Lower Limits:** N/A

Explosive Properties: No data available **Upper Limits:** N/A **Lower Limits:** N/A

Auto-Ignition Temperature: No data available

Decomposition Temperature: No data available

Partition Coefficient: n-Octanol/water: No data available



Solubility: 1 gram dissolves in 16 ml boiling water

Relative Density: 1.984 at 18°C

Vapor Density (Air=1): No data available

Evaporation Rate (BuAc=1): No data available

Vapor Pressure (mm Hg): No data available

Viscosity: No data available

SECTION 10: STABILITY AND REACTIVITY:

10.1 Reactivity: Product is not reactive under recommended use and storage.

10.2 Chemical Stability: Stable under ordinary conditions of use and storage

10.3 Possibility of Hazardous Reactions: There are no hazardous reactions known

10.4 Conditions to Avoid: Direct sunlight. Extremely high or low temperatures

10.5 Incompatible Materials: No information found.

10.6 Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition

SECTION 11: TOXICOLOGICAL INFORMATION:

11.1 Information on Toxicological Effects:

Acute Toxicity: No LD50/LC50 information found relating to normal routes of occupational exposure

Skin Corrosion/Irritation: No data available

Serious Eye Damage/Irritation: No data available

Respiratory or Skin Sensitization: No data available

Germ Cell Mutagenicity: No data available

Reproductive Toxicity: No data available

STOT-Single Exposure: No data available

STOT-Repeated Exposure: No data available

Aspiration Hazard: Negative

Information on Likely Routes of Exposure: Inhalation, Ingestion, and Eye/Skin Contact.

SECTION 12: ECOLOGICAL INFORMATION:

12.1 Toxicity: No information available

12.2 Persistence and Degradability: Not established.

12.3 Bioaccumulative Potential: Not established.

12.4 Mobility in Soil: No information available.

12.5 Results of PBT and vPvB Assessment: Not considered to be a PBT or vPvB substance



SECTION 13: DISPOSAL CONSIDERATIONS:

13.1 Waste Treatment Methods: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. Empty containers have to be handled with the same caution as the pure substance.

SECTION 14: TRANSPORT INFORMATION:

It is not dangerous for transport. In case of accident and disposal of the product see point 6.

SECTION 15: REGULATORY INFORMATION:

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-----\Chemical Inventory Status - Part 1\-----
Ingredient                               TSCA EC Japan Australia
-----
Potassium Bitartrate (868-14-4)         Yes Yes Yes   Yes
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-----\Chemical Inventory Status - Part 2\-----
--Canada--
Ingredient                               Korea DSL NDSL Phil.
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Potassium Bitartrate (868-14-4)         Yes   Yes No   Yes
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-----\Federal, State & International Regulations - Part 1\-----
-SARA 302-          -SARA 313-
Ingredient          RQ TPQ           List Chemical Catg.
-----
Potassium Bitartrate (868-14-4)         No No           No   No
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-----\Federal, State & International Regulations - Part 2\-----
-RCRA-          -TSCA
Ingredient          CERCLA          261.33          8(d)
-----
Potassium Bitartrate (868-14-4)         No           No           No
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Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
 SARA 311/312: Acute:No Chronic:No Fire: No Pressure:No
 Reactivity: No (Pure / Solid)

Australian Hazchem Code: None allocated.

Poison Schedule: None allocated.

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



SECTION 16: OTHER INFORMATION:

NFPA Ratings: Health: 0 Flammability: 0 Reactivity: 0

Label Hazard Warning: As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Label Precautions: None.

Label First Aid: Not applicable.

Revision Information: SDS Revision Date: November 2019

Disclaimer: The Information provided herein is based on our knowledge and experience. This does not constitute any guarantee of product specifications. Compliance with the instructions contained in this text does not relieve the user of compliance with all legal regulations applicable. The use and application of our products is not in our control and therefore the responsibility of the buyer.