SAFETY DATA SHEET
CREAM OF TARTAR

Section 1: Identification of the Substance and of the Company

1.1 Product Identifier:

Product Name: Cream of Tartar
Synonyms: Potassium Bitartrate, Potassium Acid Tartrate, Potassium Hydrogen Tartrate, Monopotassium SALT of L-2,3-dihydroxybutanedioic acid
CAS Number: 868-14-4
EC Number: 212-769-1
E Number: E336
Molecular Weight: 188.18
Chemical Formula: C₄H₅KO₆

1.2 Relevant Identified uses of the Substance and Uses Advised Against:

Relevant Identified Uses: pH regulator and tartaric stabilizer in production of wines, food additive, leavening agent for baking powder specially, cosmetic and pharmaceutical applications, laboratory reagent, and technical applications in manufacturing of metal products.

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: ATPGroup
2 Madison Ave.
Larchmont, NY 10538 USA
Telephone: 914-834-1881
Fax: 914-834-4611
www.atpgroup.com

1.4 Emergency Telephone Number

Telephone
800-424-9300 – CHEMTREC (24/7) – within USA & Canada
+1 703-527-3887 – CHEMTREC (24/7) – International & Maritime
914-834-1881 – ATPGroup
Section 2: Hazards Identification

2.1 Classification of the Substance:

The cream of tartar is not classified as hazardous under the provisions of Directives 67/548/EEC and 1999/45/EC and/or Regulation EC 1272/2008 (CLP) and subsequent amendments and adjustments

Classification pursuant to EC REG. No. 1272/2008
Not Classified

Classification pursuant to REG. 67/548/EEC, 1999/45/EC
Not classified

Physiochemical Hazards: None Identified
Hazards for Human: None Identified
Hazards for Animals and the Environment: None Identified

2.2 Label Elements:

According to EC REG. No. 1272/2008
No Labelling Applicable

Hazard Pictogram:
None Applicable

2.3 Other Hazards:

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.

SAF-T-DATA™ Ratings (Provided here for your convenience)

<table>
<thead>
<tr>
<th>Health Rating</th>
<th>Flammability Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - None</td>
<td>0 - None</td>
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<table>
<thead>
<tr>
<th>Reactivity Rating</th>
<th>Contact Rating</th>
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<tbody>
<tr>
<td>0 - None</td>
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</tbody>
</table>

Lab Protective Equip: GOGGLES; LAB COAT

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 doctor).

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

Ingestion: Do not induce vomiting. If large amounts were swallowed, give water to drink. In serious cases seek medical advice.

Skin Contact: Wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact: Wash thoroughly with running water. Get medical advice 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 expected.

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

Eye Contact: May be mild irritant. Not expected to be a health hazard.

Chronic Exposure: No information found.

Aggravation of Pre-existing Conditions: No information found.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed
In case of doubt seek for 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 clothing and breathing equipment appropriate for the surrounding fire. Prevent firefighting water from entering 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 contaminants.

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.

---NTP Carcinogen---

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Known</th>
<th>Anticipated</th>
<th>IARC Category</th>
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<tbody>
<tr>
<td>Potassium Bitartrate (868-14-4)</td>
<td>No</td>
<td>No</td>
<td>None</td>
</tr>
</tbody>
</table>

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

Not regulated. Not a Hazardous Material

Section 15: Regulatory Information

--------\Chemical Inventory Status - Part 1\-----------------------------
Ingredient TSCA EC Japan Australia
----------------------------------------------- ---- ---- ---- ---- ----
Potassium Bitartrate (868-14-4) Yes Yes Yes Yes

--------\Chemical Inventory Status - Part 2\-----------------------------
Ingredient --Canada-- Korea DSL NDSL Phil.
----------------------------------------------- ---- ---- ---- ---- ----
Potassium Bitartrate (868-14-4) Yes Yes No Yes

--------\Federal, State & International Regulations - Part 1\----------
Ingredient -SARA 302- -SARA 313-
-------------------------------------------- ---- ---- ---- ---- ----
Potassium Bitartrate (868-14-4) No No No No

--------\Federal, State & International Regulations - Part 2\--------
Ingredient -RCRA- -TSCA-
----------------------------------------- ---- ---- ---- ---- ----
Potassium Bitartrate (868-14-4) No No No No

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 May 15, 2015

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