

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name:	Cream of Tartar
CAS number:	868-14-4
Synonyms:	Potassium Bitartrate, Potassium Acid Tartrate, L(+) Potassium Hydrogen Tartrate, Monopotassium SALT of L-2,3-dihydroxybutanedioic acid

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses	: 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.
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#### 1.3 Details of the supplier of the safety data sheet

Company	: Lab Alley, LLC 22111 Highway 71 West, Suite 601 Spicewood, Texas 78669 U.S.A.
Telephone	: 512-668-9918
Fax	: 512-886-4008

#### 1.4 Emergency telephone

Emergency Phone #	: US & Canada: 1-800-535-5053	INFOTRAC
	: International 1-352-323-3500	INFOTRAC

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Not classified as dangerous.

## 2.2 GHS Label elements, including precautionary statements

Pictogram:	Not classified as dangerous.
Signal Word:	Not classified as dangerous.
Hazard statement(s):	Not classified as dangerous.
Precautionary statement(s):	Not classified as dangerous.

### Hazards not otherwise classified

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.

## SECTION 3: Composition/information on ingredients

### 3.1 Components

Ingredient	CAS Number	Percent	Hazardous Chemical
Cream of tartar	868-14-4	100	No

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

<b>General advice:</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show this safety data sheet to the doctor).
<b>If inhaled:</b>	Move the person to fresh air. Get medical attention for any breathing difficulty.
<b>In case of eye contact:</b>	Wash thoroughly with running water. Consult a physician if irritation develops.
<b>In case of skin contact:</b>	Wash with soap and water. Consult a physician if irritation develops.
<b>In case of ingestion:</b>	Do not induce vomiting. If large amounts are ingested, give water to drink. In severe cases seek medical advice.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

### 4.3 Indication of any immediate medical attention and special treatment needed

If in doubt, seek medical advice.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable (and unsuitable) extinguishing media

Water spray, dry powder, foam or carbon dioxide.

### 5.2 Specific hazards arising from the substance or mixture

Not considered to be a fire hazard. Not considered to be an explosion hazard.

### 5.3 Special protective equipment and precautions for firefighters

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

### 5.4 Further information

None.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate unnecessary personnel from contaminated area. 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 materials 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

For disposal see Section 13. Refer to section 8 of SDS for personal protection details.

## 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.

#### Hygiene measures

Handle in 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

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage conditions

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.

## SECTION 8. Exposure controls/personal protection

### 8.1 Occupational exposure limits

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH
Cream of Tartar 868-14-4	NA	NA	NA

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

### 8.2 Exposure controls

#### Appropriate engineering controls

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

##### Eye/face protection

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

##### Skin and body protection

Wear protective gloves and clean body-covering clothing.

##### Respiratory protection

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.

##### Control of environmental exposure

Prevent entry to drains, sewers, and surface/ground waters.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical State</b>	Solid.
<b>Appearance</b>	Colorless crystals or white crystalline powder.
<b>Odor</b>	Odorless.
<b>Odor Thresh</b>	Not applicable.
<b>pH</b>	No information available.
<b>Melting Point/Range</b>	No information available.
<b>Boiling Point/Range</b>	No information available.
<b>Flash Point</b>	No information available.
<b>Evaporation Rate</b>	No information available.
<b>Flammability (solid, gas)</b>	Not flammable.
<b>Flammability or explosive limit</b>	

**Upper** : NA

**Lower** : NA

<b>Vapor Pressure</b>	No information available.
<b>Vapor Density</b>	No information available.
<b>Density</b>	1.984 at 18°C
<b>Solubility</b>	1 gram dissolves in 16 ml boiling water
<b>Partition coefficient; n-octanol/water</b>	No information available.
<b>Autoignition Temp</b>	No information available.
<b>Decomposition Temp</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Molecular Formula</b>	C4H5KO6
<b>Molecular Weight</b>	188.177
<b>VOC Content(%)</b>	No information available.
<b>Oxidizing properties</b>	No information available.

## 9.2 Other safety information

None.

## 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. Extreme 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

#### Product Information

#### Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Cream of tartar	NA	NA	NA

#### Skin corrosion/irritation

No information available.

**Serious eye damage/eye irritation**

No information available.

**Respiratory or skin sensitization**

No information available.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

*Cream of Tartar (868-14-4)*

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Not listed.

**NTP Report on Carcinogens**

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed

**ACGIH**

Not listed.

**MEXICO**

Not listed.

**Reproductive toxicity**

No information available.

**Specific target organ toxicity - single exposure**

None known.

**Specific target organ toxicity - repeated exposure**

None known.

**Aspiration hazard**

Negative.

**Chronic effects**

No information available.

**11.2 Additional information**

None.

**SECTION 12. Ecological information**

**12.1 Toxicity**

**Ecotoxicity:**

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Cream of Tartar	Not listed	Not listed	Not listed	Not listed

## 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

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

## 12.6 Endocrine disrupting properties

No information available.

## 12.7 Other adverse effects

No information available.

## SECTION 13. Disposal considerations

### 13.1 Waste Disposal 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

### DOT

UN-No Not regulated.  
Proper Shipping Name  
Hazard Class  
Packing Group

### TDG

UN-No Not regulated.  
Proper Shipping Name  
Hazard Class  
Packing Group

### IATA

UN-No Not regulated.  
Proper Shipping Name  
Hazard Class  
Packing Group

### IMDG/IMO

UN-No Not regulated.  
Proper Shipping Name  
Hazard Class  
Packing Group

## 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

<b>Ingredient</b>	<b>-SARA 302- RQ TPQ</b>	<b>-SARA 313- List Chemical Catg.</b>	
<i>Potassium Bitartrate (868-14-4)</i>	No No	No	No

### Federal, State & International Regulations - Part 2

<b>Ingredient</b>	<b>-RCRA- CERCLA</b>	<b>-TSCA 261.33</b>	<b>8(d)</b>
<i>Potassium Bitartrate (868-14-4)</i>	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

Issue Date 11/2019  
Revision Date 10/18/2023

### Disclaimer:

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.