



## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**1.1 Commercial Description:**

CREAM OF TARTAR (*Potassium bitartrate- potassium hydrogen tartrate*).

**1.2 Use:** *Oenology.*

**1.3 Company Identification:**

See footer of this MSDS

**1.4 Emergency phone number:**

Belgium: +32(0)70245.245 (Anti Poison Center – Brussels)

## 2. HAZARD IDENTIFICATION

**2.1 Adverse effects:** Gastrointestinal effects if swallowed in large amounts.

**2.2. EC Classification:** NA

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**3.1 Chemical Description:** Food acid.

**3.2 Dangerous ingredients:**

Name	CAS	EINECS	max. %	Symbol	R Phrases	S Phrases
Potassium bitartrate	868-14-4	212-769-1	100%			

## 4. FIRST AID MEASURES

**4.1 Inhalation:** Ventilate the area. Immediately remove patient from contaminated area and let them rest in a well-ventilated area.

**4.2. Contact with skin:** Immediately remove all contaminated clothing. Immediately wash any area of the body that has come into contact with the product in plenty of soapy water, even if contact is only suspected.

**4.3 Contact with eyes:** Immediately wash out with abundant water for at least 10 minutes, keeping eyelids open; then protect the eyes with sterile gauze or a clean dry handkerchief.

**4.4 Ingestion:** Never induce vomiting.

**Medical consultation:** Required for ingestion and contact.

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**5. FIRE-FIGHTING MEASURES****5.1 Suitable extinguishing media:**

Water spray.  
Carbon dioxide (CO<sub>2</sub>).  
Chemical foam.  
Multi-purpose powders (e.g. NaCl).

**5.2 Specific risks:**

May generate vapours and/or gas.  
Cool-down containers or tanks exposed to fire with water spray.

**5.3 Protective Equipment:** Standard

**5.4 Other recommendations:****6. ACCIDENTAL RELEASE MEASURES**

**6.1: Personal precautions:** Avoid contact.

**6.2 Environmental precautions:** Prevent spillage into drains, in case of pollution, alert the authorities

**6.3 Cleaning method:** Rapidly collect the product; wear a mask and protective clothing.

**7. HANDLING AND STORAGE****7.1 Handling precautions:**

Handle in accordance with good industrial hygiene and safety practices.  
Only use suitable materials for transport, storage and handling of tanks.  
Do not eat, drink or smoke in the workplace.  
Use extreme caution when handling. Avoid contact and inhalation of vapours and/or dust.

**7.2 Storage conditions:**

Keep away from sources of heat; avoid direct exposure to the sun.  
Keep away from naked flames, sparks and other sources of ignition. Sufficiently ventilate the premises where the product is stored and/or handled.  
Keep away from all substances with which it can react violently.  
Keep away from bases. Stainless steel or polyethylene canisters.

**7.3 Specific uses:** Food ingredient.

**8. MEASURES EXPOSURE CONTROL / PERSONAL PROTECTION**

**8.1 Exposure Limits (TVL):** NA

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**8. MEASURES EXPOSURE CONTROL / PERSONAL PROTECTION (CONT.)****8.2 Exposure controls:**

- Respiratory protection: Well-ventilated area. Any respiratory device.
- Hand protection: Neoprene or PVC gloves.
- Eye protection: Splash-proof goggles or face shield.
- Skin protection: Plastic apron, rubber boots.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical state:** Crystalline Powder**Colour:** White**Odour:** Odourless**Viscosity:** NA**Temperature of****decomposition:** NA**Solubility in water:** Lightly soluble**Solubility in other solvents:** Insoluble in alcohol**Density:** NA**pH:** NA**Boiling point:** NA**Flash point:** NA**10. STABILITY AND REACTIVITY****10.1 Stability:** Stable under normal conditions**10.2 Reactions to avoid:** May react violently with moisture and BrF<sub>3</sub>.**10.3 Decomposition products:** Occurs with pungent odour of burnt sugar.**11. TOXICOLOGICAL INFORMATION****Acute oral toxicity:** NA**Acute inhalation toxicity:** Possible irritation of the respiratory tract from lengthy exposure.**Other information:****12. ECOLOGICAL INFORMATION****12.1 Ecotoxicity:**Alters the pH value and increases COD and BOD<sub>5</sub>.

Must be neutralized with calcium salts and recovered as calcium tartrate (salt that is insoluble in water).

**12.2 Mobility:** Use according to good working practices, avoiding release into the environment.

**13. DISPOSAL CONSIDERATIONS****13.1 Handling of waste:**

Recover if possible. Send to authorized disposal plants. Operate according to local and national laws.

**13.2 Disposal of packaging:**

Contaminated containers must be treated in the same way as the product.

**13.3 Procedures for neutralizing or destroying the product:**

Disposal or incineration must be carried out in accordance with current regulations.

**14. TRANSPORT INFORMATION****Transport by road/rail (ADR/RID):**

Class:

Label:

Name:

**Transport by sea (IMO/IMDG 32-04):**

Class:

Label:

Name:

**Transport by air (ICAO/IATA):**

Class:

Label:

Name:

**15. REGULATORY INFORMATION****15.1 EEC Symbol NA****15.2 Prohibition on marketing and use, Directive 76/769/EEC: NA****15.3 Other EC legislation NA**

**Indication of danger:** NA

**Risk phrases:** NA

**Caution recommendations:** NA

**WARNING:**

*The information contained in this safety data sheet is based on the data currently available to us and is intended to describe the product solely for health and safety purposes. It should not therefore be interpreted as a guarantee for the specific properties of the product. This does not in any way excuse the user from knowing and applying all texts that govern his/her task. The user takes precautions related to the specific use of the product under his/her sole responsibility. All cited regulatory requirements have the sole purpose of helping the recipient to fulfill his/her obligations. The list of legislative, regulatory or administrative texts must not be considered to be exhaustive. The recipient must ensure that other obligations do not compete on the basis of additional texts to those cited. **Safety data sheet in accordance with Regulation 1907/2006 of 18 December 2006 (REACH), in compliance with international standard ISO 11014 – 1 and (EC) Regulation 453/2010.***  
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