Pure Tartrate

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

1.1. Product identifier
Trade name/designation:

Pure Tartrate

Additional information:
The substance does not require registration according to REACH;

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture:
Product for Winetreatment.

1.3. Details of the supplier of the safety data sheet
Supplier (manufacturer/importer/only representative/downstream user/distributor):
Eaton Technologies GmbH
Langenlonsheim Branch
An den Nahewiesen 24
55450 Langenlonsheim
Germany
Telephone: +49 6704 204-0 (Diese Nummer ist nur zu Bürozeiten besetzt.)
Telefax: +49 6704 204-121
E-mail: SDB@Eaton.com
Website: www.eaton.com/filtration

1.4. Emergency telephone number
No data available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [CLP]:
The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Additional information:
Additional information: No risks worthy of mention. Please observe the information on the safety data sheet at all times.

2.2. Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards
No data available

SECTION 3: Composition / information on ingredients

3.1. Substances
Description:
Potassium bi tatrate (CAS No. 868-14-4; EINECS No. 212-769-1)

SECTION 4: First aid measures

4.1. Description of first aid measures
Following inhalation:
Provide fresh air. In case of respiratory tract irritation, consult a physician.
Pure Tartrate

In case of skin contact:
Subsequently wash off with: Water and soap In case of skin irritation, consult a physician.
IF ON CLOTHING: Take off immediately all contaminated clothing.

After eye contact:
Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion:
Rinse mouth immediately and drink plenty of water. In all cases of doubt, or when symptoms persist, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed
slightly irritant but not relevant for classification.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media: 
The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media: 
High power water jet

5.2. Special hazards arising from the substance or mixture
In case of fire may be liberated: Carbon monoxide, Carbon dioxide (CO2), Hydrocarbons

5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus.

5.4. Additional information
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Personal precautions: 
Avoid dust formation. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.1.2. For emergency responders
No data available

6.2. Environmental precautions
Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up
For cleaning up:
Avoid dust formation. Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections
No data available

6.5. Additional information
No data available
Pure Tartrate

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advises on safe handling:
The product should be handled with the care usual when dealing with chemicals. Conditions to avoid: Generation/formation of dust, Dust deposits Provide adequate ventilation as well as local exhaustion at critical locations.

Fire prevent measures:
No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:
Keep/Store only in original container. Keep container tightly closed in a cool, well-ventilated place. Keep container dry.

Hints on storage assembly:
Do not store together with: Oxidising agent

7.3. Specific end use(s)
No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls
Provide adequate ventilation as well as local exhaustion at critical locations.

8.2.2. Personal protection equipment

Eye/face protection:
Eye glasses

Skin protection:
Hand protection: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Suitable material: Butyl caoutchouc (butyl rubber) Breakthrough time (maximum wearing time): > 120 min

Respiratory protection:
Respiratory protection necessary at: dust formation Suitable respiratory protection apparatus: Filtering device (DIN EN 147) P 1

Other protection measures:
General health and safety measures: When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work. Protect skin by using skin protective cream.

8.2.3. Environmental exposure controls
No data available

8.3. Additional information
No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance
Physical state: solid Colour: whitish
Odour: odourless
Pure Tartrate

Safety relevant basis data

<table>
<thead>
<tr>
<th>parameter</th>
<th>at °C</th>
<th>Method</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
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</tr>
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<td>Melting point</td>
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<tr>
<td>Freezing point</td>
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<td>Initial boiling point and boiling range</td>
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<td>Decomposition temperature (°C):</td>
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<tr>
<td>Flash point</td>
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<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
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</tr>
<tr>
<td>Ignition temperature in °C</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
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<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
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</tr>
<tr>
<td>Vapour density</td>
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</tr>
<tr>
<td>Density</td>
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<tr>
<td>Bulk density</td>
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<tr>
<td>Water solubility (g/L)</td>
<td>5.7 g/L 20 °C</td>
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<td>Partition coefficient: n-octanol/water</td>
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<td>Dynamic viscosity</td>
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<tr>
<td>Kinematic viscosity</td>
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</table>

9.2. Other information
No data available

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
Reacts with: Oxidising agent, Alkali (lye)

10.4. Conditions to avoid
No data available

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Substance name</th>
<th>Toxicological information</th>
</tr>
</thead>
<tbody>
<tr>
<td>868-14-4</td>
<td>potassium hydrogen tartrate</td>
<td><strong>LD₅₀ oral:</strong> 22 g/kg (Rat)</td>
</tr>
</tbody>
</table>

Acute inhalation toxicity:
Inhalation of dust may cause irritation of the respiratory system.

Skin corrosion/irritation:
slightly irritant but not relevant for classification.

Eye damage/irritation:
slightly irritant but not relevant for classification.
Pure Tartrate

Respiratory or skin sensitisation:
not determined

Carcinogenicity:
not determined

STOT-repeated exposure:
not determined

Additional information:
Specific symptoms in animal studies: No data available
Observations relevant to classification: No data available

SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity:
not determined

Terrestrial toxicity:
not determined

Effects in sewage plants:
not determined

12.2. Persistence and degradability
Additional information:
Further ecological information: According to the present state of knowledge negative ecological effects are not expected.

12.3. Bioaccumulative potential
Accumulation / Evaluation:
not determined

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
No data available

12.6. Other adverse effects
No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
The disposal of the product has to be carried out in accordance with the legal requirements. EWC waste codes are strictly industry-oriented, therefore waste classification has to be done by the waste producer.

Waste treatment options
Appropriate disposal / Package:
Non-contaminated packages may be recycled.

13.2. Additional information
No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.
not relevant

14.2. UN proper shipping name
not relevant
Pure Tartrate

14.3. Transport hazard class(es)
not relevant

14.4. Packing group
not relevant

14.5. Environmental hazards
not relevant

14.6. Special precautions for user
not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not relevant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU legislation
No data available

15.1.2. National regulations
[DE] National regulations

Water hazard class (WGK)

WGK:
1 - schwach wassergefährdend

Other regulations, restrictions and prohibition regulations
For this substance a chemical safety assessment has not been carried out.

15.2. Chemical Safety Assessment
No data available

15.3. Additional information
No data available

SECTION 16: Other information

16.1. Indication of changes
No data available

16.2. Abbreviations and acronyms
No data available

16.3. Key literature references and sources for data
No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]
Classification according to Regulation (EC) No 1272/2008 [CLP]:
The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)
No data available

16.6. Training advice
No data available
16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.