

1. Identification of the Substance / Preparation and of the Company / Undertaking

Product name: Potassium L-Tartrate monobasic
Catalogue No.: D5251
Use Refill and Storage of pH Sensors
Duration: 12 months

2. Hazards identification

Not hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:	L-(+)-Tartaric acidmonopotassium salt Potassium Hydrogen L-tartrate
Formula:	$C_4H_5KO_6$
Molecular weight:	188,18 g/mol

4. First aid measures

- **If inhaled:**
If breathed in, move person into fresh air, If not breathing give artificial respiration.
- **In case of skin contact:**
wash off with soap and plenty of water.
- **In case of eye contact:**
Flush eyes with water as a precaution.
- **If swallowed:**
Never give anything by mouth to an unconscious person. Rinse mouth with water.
Consult doctor if victim is feeling unwell.

5. Fire-fighting measures

- **Suitable extinguishing media:**
Use water spray, alcohol-resostam foam, dry chemical or carbon dioxide..
- **Special protective equipment for fire-fighters**
Wear sel contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

- **Personal precautions**
Avoid dust formation
- **Environmental precautions**
Do not let product enter drains.
- **Methods for cleaning up**
Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and storage

- **Handling**
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
- **Storage**
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls / personal protection

Personal protective equipment:

- **Respiratory protection:**
Respiratory protection is not required. Where protection from nuisance levels of dust are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- **Hand protection:**
For prolonged or repeated contact use protective gloves.
- **Eye protection:**
Safety glasses
- **Hygiene measures:**
General industrial hygiene practice.

9. Physical and chemical properties

- **Appearance**
Form: powder
Colour: white
- **Safety data**
pH: 3,4 – 3,7 at 20°C
Melting point: > 250°C
Boiling point: no data available
Flash point: no data available
Ignition temperature: no data available
Lower explosion limit: no data available
Upper explosion limit: no data available
Density: 1,954 g/cm³
Water solubility: no data available

10. Stability and reactivity

- **Storage stability**
Stable under recommended conditions.
- **Material to avoid**
Strong oxidizing agents
- **Hazardous decomposition products**
Hazardous decomposition products formed under fire conditions. – Carbon oxides

11. Toxicological information

- **Acute toxicity**
No data available
- **Irritation and corrosion**
No data available
- **Sensitisation**
No data available
- **Chronic exposure**
IARC: No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC
- **Potential Health Effects**
 - Inhalation:** May be harmful if inhaled. Maybe cause respiratory tract irritation.
 - Skin:** May be harmful if absorbed through skin. May cause skin irritation.
 - Eyes:** May cause eye irritation.
 - Ingestion:** May be harmful if swallowed.

12. Ecological information

- **Elimination information (persistence and degradability)**
No data available
- **Ecotoxicity effects**
No data available
- **Further information on ecology**
No data available

13. Disposal consideration

- **Product**
Observe all federal, state, and local environmental regulations.
- **Contaminated packaging**
Dispose of as unused product

14. Transport information

- **ADR/RID**
Not dangerous goods
- **IMDG**
Not dangerous goods
- **IATA**
Not dangerous goods

15. Regulatory information

- **Labelling according to EC directives**

Further information:

The product does not need to be labelled in accordance with EC directives or respective national laws.

16. Other information

- **Further information**

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