



**Qualikems**

# Qualikems Lifesciences Pvt. Ltd.

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## Material Safety Data Sheet Potassium Sodium Tartrate

### Section 1 - Chemical Product and Company Identification

**MSDS Name:** Potassium Sodium Tartrate Tetrahydrate

**Synonyms:** Sodium potassium tatrare, tartaric acid salt; Rochelle salt

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
6381-59-5	Potassium sodium tartrate, Tetrahydrate	100	206-156-8

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW

Appearance: clear to white solid.

**Caution!** May cause respiratory and digestive tract irritation. May cause eye and skin irritation.

**Target Organs:** None.

#### Potential Health Effects

**Eye:** Dust may cause mechanical irritation.

**Skin:** May cause skin irritation. Low hazard for usual industrial handling.

**Ingestion:** May cause irritation of the digestive tract. Low hazard for usual industrial handling.

**Inhalation:** Dust is irritating to the respiratory tract.

**Chronic:** No information found.

### Section 4 - First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

**Notes to Physician:** None

**Antidote:** None reported

#### Section 5 - Fire Fighting Measures

**General Information:** Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.

**Extinguishing Media:** For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

**Flash Point:** Not applicable.

**Autoignition Temperature:** Not applicable.

**Explosion Limits, Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** (estimated) Health: 1; Flammability: 0; Instability: 0

#### Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

#### Section 7 - Handling and Storage

**Handling:** Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation.

**Storage:** Store in a tightly closed container.

#### Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

##### Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Potassium sodium tartrate, Tetrahydrate	none listed	none listed	none listed

**Personal Protective Equipment**

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Section 9 - Physical and Chemical Properties**

**Physical State:** Solid

**Appearance:** clear to white

**Odor:** none reported

**pH:** 7-8 in solution

**Vapor Pressure:** Not available.

**Vapor Density:** Not applicable.

**Evaporation Rate:** Negligible

**Viscosity:** No data

**Boiling Point:** 819 deg F

**Freezing/Melting Point:** 158 deg F

**Decomposition Temperature:** Not available.

**Solubility:** Soluble in water

**Specific Gravity/Density:** Not available.

**Molecular Formula:** NaKC4H4O6.4H2O

**Molecular Weight:** 282.1661

**Section 10 - Stability and Reactivity**

**Chemical Stability:** Stable.

**Conditions to Avoid:** None reported.

**Incompatibilities with Other Materials:** No information reported.

**Hazardous Decomposition Products:** None.

**Hazardous Polymerization:** Has not been reported.

**Section 11 - Toxicological Information**

**RTECS#:**

**CAS#** 6381-59-5 unlisted.

**LD50/LC50:**

Not available.

**Carcinogenicity:**

**CAS#** 6381-59-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

**Epidemiology:** No data available.

**Teratogenicity:** No data available.

**Reproductive Effects:** No data available.

**Mutagenicity:** No data available.

**Neurotoxicity:** No data available.

**Other Studies:**

## Section 12 - Ecological Information

**Ecotoxicity:** No data available. No information found

**Environmental:** No information reported.

**Physical:** No information found

**Other:** No information found

## Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed.

**RCRA U-Series:** None listed.

## Section 14 - Transport Information

	IATA	
<b>Shipping Name:</b>	Not regulated as a hazardous material	
<b>Hazard Class:</b>		
<b>UN Number:</b>		
<b>Packing Group:</b>		

## Section 15 - Regulatory Information

**Hazard Symbols:**

Not available.

**Risk Phrases:**

**Safety Phrases:**

## Section 16 - Additional Information

**MSDS Creation Date:** 12/12/2000

**Revision #3 Date:** 10/03/2005

**Revision #4 Date:** 09/03/2010

**Revision #5 Date:** 08/03/2015

**Revision #6 Date:** 07/03/2020

**Revision #7 Date:** 06/03/2025

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