

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Material Name:** Potassium Sodium Tartrate.  
**Catalogue Number:** C366.  
**Other Names:** Rochelle Salt; Seignette Salt; sodium potassium tartrate; 2,3-dihydroxy-[R-(R\*,R\*)]-butanedioic acid, monopotassium monosodium salt tetrahydrate.  
**Recommended Use:** Used with Bismuth Subnitrate for staining polysaccharides.

**Supplier Name:** ProSciTech  
**Street Address:** 1/11 Carlton Street, Kirwan, Qld. 4817 Australia  
**Telephone Number:** (07) 4773 9444 **Fax Number:** (07) 4773 2244  
**Emergency Contact:** (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

## SECTION 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** Not classified as hazardous according to criteria of NOHSC.  
**Hazardous and/or Dangerous Nature:** NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.  
**Risk Phrases:**  
**Safety Phrases:**

## SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

**SUBSTANCE:** **Chemical Identity:** Potassium Sodium Tartrate.  
**Common Name(s):** Rochelle Salt; Seignette Salt; sodium potassium tartrate; 2,3-dihydroxy-[R-(R\*,R\*)]-butanedioic acid, monopotassium monosodium salt tetrahydrate.  
**CAS Number(s):** 6381-59-5

### MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Sodium Potassium Tartrate	6381-59-5	100

## SECTION 4 - FIRST AID MEASURES

**Swallowed:** If large amounts were swallowed, give water to drink and get medical advice.  
**Eye:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.  
**Skin:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.  
**Inhaled:** Remove to fresh air. Get medical attention for any breathing difficulty.  
**First Aid Facilities:** Eyebath/eyewash & Safety shower.  
**Medical Attention & Special Treatment:**

### ADDITIONAL INFORMATION:

People with pre-existing heart disease or on a low sodium diet may be more susceptible to the effects of this substance.

## SECTION 5 - FIRE FIGHTING MEASURES

### Suitable Extinguishing Media:

Water spray, dry chemical, alcohol foam, or carbon dioxide.

### Hazards from Combustion Products:

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Carbon dioxide and carbon monoxide may form when heated to decomposition.

### Precautions for Fire Fighters:

As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

### Hazchem Code:

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### Emergency Procedures:

### Containment and clean up:

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

## SECTION 7 - HANDLING & STORAGE

### Precautions for Safe Handling:

Wear appropriate protective clothing to prevent contact with skin and eyes and prevent inhalation and ingestion.

### Conditions for Safe Storage:

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

**National Exposure Standards:** No exposure standard allocated.

**Biological Limit Values:** No biological limit allocated.

### Engineering Controls:

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:

Personal Respirators (NIOSH Approved):

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, glycerin, 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.

Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

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

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Colourless, transparent crystals or white powder.

**Odour:** Odourless.

**pH:** 7-8

**Vapour pressure (mm of Hg at 25°C):** Not available.

**Vapour density:** Not available.

**Boiling point/range (°C):** >220°C decompose

**Freezing/melting point (°C):** MP: 70-80°C

**Solubility:** Soluble in water.

**Specific gravity or density:** 1.79

**Flash Point:** Not available.

**Flammable (explosive) limits:** Not available.

**Ignition temperature:** Not available.

**Additional Information:**

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** Heat, flames, ignition sources and incompatibles.

**Incompatible Materials:** Acids, calcium or lead salts, silver nitrate, magnesium sulfate.

**Hazardous Decomposition** Carbon dioxide and carbon monoxide may form when heated to decomposition.

**Products:**

**Hazardous Reactions:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Exposure and Health Effects:**

**Ingestion:**

Large oral doses may cause irritation to the gastrointestinal tract. May cause sore throat, abdominal pain. Large doses can have cathartic effects.

**Inhalation:**

May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

**Skin Contact:**

May cause irritation with redness and pain.

**Eye Contact:**

May cause irritation, redness and pain.

**Human/Animal data:** Not available.

**Carcinogenicity:** Not available.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not available.

**Persistence and degradability:** Not available.

**Mobility:** Not available.

**Additional Information:** Not available.

**SECTION 13 - DISPOSAL CONSIDERATIONS****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.

**Special Precautions:****SECTION 14 - TRANSPORT INFORMATION**

**UN Number:** Not regulated.

**UN Proper Shipping Name:** Not regulated.

**Class and Subsidiary risk:** Not regulated.

**Packing Group:** Not regulated.

**Special Precautions for User:** Not available.

**Hazchem Code:** Not available.

**SECTION 15 - REGULATORY INFORMATION**

**Poison Schedule Number:** None allocated.

**SECTION 16 - OTHER INFORMATION**

Date of preparation of MSDS: November 09

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.