SAFETY DATA SHEET

Rochelle Salts/Potassium Sodium Tartrate

SECTION 1: IDENTIFICATION

Product identifier used on a label:	Rochelle Salts/Potassium Sodium Tartrate
CAS-No.:	6381-59-5
Synonyms:	Sodium Potassium Tartrate Tetrahydrate
Recommended use of the chemical and restrictions on use:	Reagent, piezoelectric
Chemical family:	Salt
Chemical formula:	$C_4H_4O_6KNa{\cdot}4H_2O$
Name, address and phone # of supplier:	Aqua Bond Inc. 440 Passmore Ave. Toronto, ON, M1V 5J8 (416) 754-7211
24 Hr. Emergency phone #:	**CANUTEC (613) 996-6666**

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical:	This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).
Hazard classification:	GHS Classification: Not classified as a hazardous substance.
Label elements:	Potassium Sodium Tartrate
Signal word:	Not available.
Hazard statements:	Not available.
Precautionary statements:	Not available.
Other Hazards:	Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	Synonyms	CAS Number	Concentration (wt. %)
Potassium Sodium Tartrate	Rochelle Salts, Sodium Potassium Tartrate Tetrahydrate	6381-59-5	≥ 99 %

SECTION 4: FIRST-AID MEASURES
Description of first aid measures:

Inhalation	Move casualty to fresh air and keep at rest. If not breathing, give artificial respiration.
Skin contact	Take off contaminated clothing and shoes. Wash off with soap and plenty of water.
Eye contact	After eye contact: rinse out with plenty of water.
Ingestion	Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water.

Most important symptoms and effects, both acute and delayed: No data available.
Indication of any immediate medical attention and special treatment needed: No data available.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media:	Use media appropriate for the surrounding fire.
Suitable:	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable:	Not data available.
Flash point:	Not data available.
Autoignition Temperature:	Not data available.
Specific hazards arising from the substance:	Carbon oxides, potassium oxides, sodium oxides
Hazardous thermal decomposition products:	Carbon oxides, potassium oxides, sodium oxides
Special protective equipment and precautions for fire-fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. Ensure clean-up is conducted by trained personnel only.
Environmental precautions:	Do not let product enter drains.
Methods and materials for containment and cleaning up:	Sweep or scoop up and collect in appropriate containers for disposal. Wear protective eyeware, gloves, and clothing. Always obey local regulations. If necessary use trained response staff or contractor.

Special spill response procedures:	In case of transportation accident, contact CHEMTREC at 1-800-424-9300.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Use appropriate hyigiene measures, wash hands before breaks and after work. Provide good ventilation in process area. Avoid generation and spreading of dust.
Conditions for safe storage:	Keep container tightly closed in a dry and well-ventilated place. Store away from incompatible materials. Keep away from sources of ignition, direct sunlight.
Incompatible materials:	Strong oxidizing agents, strong acids
Hazardous decomposition products:	Decomposition may cause formation of carbon oxides, potassium oxides, sodium oxides.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Ingredient	**Exposure limits**
Potassium sodium tartrate tetrahydrate	No data available.

Engineering controls: Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice.

Individual protection measures:

Eye Protection: Use chemical safety goggles and / or a full face shield where splashing is possible. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Maintain eye wash fountain and quick-drench facilities in work area.

Skin Protection: Wear appropriate protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Handle with gloves. Gloves must be inspected prior to use.

Respiratory protection: Special respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.

Hygiene Measures: When using, do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing. Avoid contact with skin, eyes and clothing. For environmental protection remove and wash all contaminated protective equipment before re-use. Wear suitable gloves and eye/face protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	crystalline colourless or white powder
Odour:	No data available
Odour threshold:	No data available
pH:	6.5 – 8.5 (1 % aqueous solution)
Melting point/Freezing point:	70-80 °C
Initial boiling point/boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid; gas) :	No data available
Lower flammable/explosive limit:	No data available
Upper flammable/explosive limit:	No data available
Vapour pressure:	No data available
Vapour density:	No data available.
Relative Density:	No data available
Solubility:	No data available
Partition coefficient (n-octanol/water) :	No data available.
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available.
Viscosity:	No data available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Keep away from heat. - Decompostion takes place from temperatures above: >100 °C.
Incompatible materials:	Strong oxidizing agents, Strong acids.
Hazardous decomposition products:	Fire may cause formation of carbon oxides, potassium oxides, sodium oxides (Sodium oxide. Carbon monoxide. Carbon dioxide.).

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity data

Acute toxicity:	No data available.
Information on the likely routes of exposure:	Skin, eye, inhalation, ingestion
Potential health effects (acute):	If swallowed: diarrhea. If inhaled: irritation of the respiratory system. If on skin for prolonged time: dermal irritation.
Target organ effects:	No data available.
Carcinogenicity:	IARC: No ingredient 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 chronic health effects:	No data available.
Teratogenicity:	No data available.
Developmental effects:	No data available.
Fertility effects:	No data available.
Irritation/corrosion:	No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	No data available.
Bioaccumulation:	No data available.
Biodegradation:	No data available.
Abiotic Degradation:	No data available.
Mobility in soil, water:	No data available.
Other adverse effects:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence and degradability:	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

If not otherwise specified: Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

DOT (US): Not classified as dangerous goods.
IMDG: Not classified as dangerous goods.
IATA: Not classified as dangerous goods.

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure.

SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

SECTION 16: OTHER INFORMATION

Revision date: January 30, 2020
UN = United Nations

Disclaimer

While the information and recommendations set forth are believed to be accurate as of data hereof, Aqua Bond Inc., makes no warranty with respect thereto and disclaims all liability from reliance thereon.