1. Product and Company Identifaction

Product Name	Sodium Chloride Crystal Pure
Part Number	RXSOL-60-6118-500

Company Details:
RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Muscat

Phone	+91 22 27815540 / 41 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / Information on ingredients

Name of Substance	Cas Number
Sodium Chloride	7647-14-5

3. Hazards Identification

Signal Word	None
Hazard Statements	NOT hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemica
Precautionary statements prevention	NOT Dangerous Goods according to the criteria of the for the Transport of Dangerous Goods by Road & Rail (ADG C
Precautionary statements response	No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of cont water for at least 15 minutes. Cold water may be used. Ge
Skin Contact	Remove contaminated clothing. Wash affected area with medical attention.
Inhalation:	Remove victim from exposure to fresh air. If not breathir is difficult, give oxygen. Seek medical attention if effects
Ingestion:	Do not induce vomiting. Rinse mouth thoroughly with medical attention if any discomfort continues.
Notes to Physician	Treat symptomatically

5. Fire-fighting Measures

Flammability	Non Flammable
General Measure	Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Mov containers from fire area if it can be done without risk.
Suitable extinguishing media	In case of fire, use appropriate extinguishing media most suitable for surrounding fire conditions (dry chemical, carbon spray or foam).

Hazardous combustion products	Salt withstands temperatures up to its meting point and beyond decomposing, but at very high temperatures (greater than appro 800 deg C) a vapour may be emitted which is particularly irritati eyes. Contains no water of crystallization. Does not react with a ordinary temperatures. When heated to decomposition at a ve temperature it emits toxic fumes of chlorine & sodium oxide
Protective Equipment	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clo fire fighting helmet, coat, trousers, boots and gloves).
Specific Hazards Arising from the Chemical	Salt poses no fire or explosion hazard if involved in a fire, therefore use fire fighting procedures suitable for surround not combustible.

6. Accidental Release Measures

Spillage	Avoid the spillage or runoff entering drains, sewers or w of dust. Remove spillage with vacuum cleaner or collect and place in suitable waste disposal containers and seal s of water.
Personal Protectio	Avoid prolonged contact with the skin and inhalation of handling and housekeeping practice is adequate. No eyewash bottle with clean water should be available. A so. Isolate the danger area. Use clean, nonsparking tools
Enviromental Precaution	Do NOT let product reach drains or waterways. If Environmental Protection Authority or your local Waste
Evacuation Criteria	Evacuate all unnecessary personnel.

7. Handling and Storage

Handling	Ensure an eye bath and safety shower are available and practices and recommended procedures. Wash tho measures against static discharges by bonding and grou and clothing. Do not inhale product dust/fumes. Salt du generated by pneumatic conveying, therefore pipes environments where a spark could prove hazardous.
Storage	Store in a cool, dry, well-ventilated area. Store away fr closed when not in use. Inspect regularly for deficien physical damage. Store away from incompatible m hydroscopic nature, salt should be stored in a dry at Absorbs moisture if the relative humidity is above 75 % does not present a hazard if product were to fall. This according to The Australian Code for the Transport of
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. eating, smoking and using the toilet. Wash hands and soap and water before leaving the work site. Provide ey

8. Exposure controls and personal protection

Engineering Control	Under normal circumstances engineering controls are not level that is a discomfort to workers a local exhaust sys and/or general exhaust is recommended to keep emplo exhaust ventilation is generally preferred because it can c its source, preventing dispersion of it into the general wo by pneumatic conveying, therefore pipes should be bonde where a spark could prove hazardous.

Personal Protection	Eye/face Protection: Wear appropriate protective eye described by OSHA's eye and face protection regulations Skin and body protection: Wear appropriate protecti exposure. Respiratory Protection : Follow the OSHA respirator reg NIOSH/MSHA any Standard approved respirator expos other symptoms are experienced.
Other Protection Measure	Skin should be washed to remove salt. Dry salt and conc fluid from the skin. An eyewash and hand washing facilit
Exposure Limit	Not Available

Gloves Suit

9. Physical and chemical properties

Form	Solid Crystals
Colour	Translucent to opaque white
Odour	Odourless
Odor Threshold	Not Applicable
pH	7-8 50g/l 20 °C
Melting Point	801°C (1473.8°F)
Boiling Point	1413 - 1465°C
Flash Point	Not Applicable
Evaporation Rate	Not Applicable
Flammability (solid, gas)	No Data Available
Explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour Density	No Data Available
Specific Gravity	1.2 - 1.45 g/cm3 at 20 °C
Partition coefficient	No data available
Explosive properties	None
Solubility	Freely Soluble
Ignition temperature	No information available.
Molecular Weight	58.44

10. Stability and reactivity

Reactivity	Reaction with concentrated acid will produce hydrogen chloride. Under wet conditions, will corrode many common met iron, aluminium and zinc.
Stability	The product is chemically stable under standard ambient conditions (room temperature).
Conditions to avoid/ Incompatible materials	Material to avoid are Bromine trifluoride, lithium, strong acids. Under wet conditions can corrode many common met iron, aluminum and zinc. Stainless steel and monel resist attack.
Hazardous Decomposition Products	When heated to decomposition at a very high temperature it emits toxic fumes of chlorine & sodium oxide. May evol when in contact with strong acids.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. Toxicological information

Rout Of Entry	Inhalation. Ingestion.
Toxicity to Animal	WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSU toxicity (LD50): 3000 mg/kg [Rat.]. Acute dermal toxicity (LD50): >10000 mg/kg [Rabbit]. Acute toxicity of the dust (mg/m3 1 hours [Rat].
EyeIrritant	Dust exposure may cause physical irritation to the eyes because of the particulate nature of the product.
Ingestion	Salt is an essential constituent of the diet. It provides important body electrolytes and is the source of hydrochloric, aci gastric juices. The blood stream contains nearly 1% sodium chloride. In normal industrial use salt is non-hazardous. Ac toxic effects can result from the ingestion of excessive amounts of either salt or brine. Salt should not be used as an e vomiting. High concentrations produce inflammatory reactions in the gastrointestinal tract and can cause vomit convulsions and collapse. The ingestion of hypertonic solutions can cause fatal disturbance of body electrolyte an particularly in the young and elderly. Less than a tablespoon of salt may severely poison an infant and sometimes p cause vomiting, diarrhea, anorexia, thirst, fever, and convulsion after excessive ingestion. Dehydration may occur i organs, central nervous system may be affected resulting in confusion or coma.
Inhalation	Inhalation Abrasive irritant to mucous membranes. May give salty taste or cause irritation to nose & throat. Symp coughing, sore and dry throat.
Skin Irritant	Irritation after prolonged contact. Dry salt and concentrated solutions can cause withdrawal of fluid from the ski prolonged contact, produce irritation.

12. Ecological information

Eco Toxicity	A maximum value of 412 mg/l ensures the protection of all aquatic life. Source: Water Research Centre - September 1990 96 hour LC 50 (Fish) 6750 mg/l 48 hour EC 50 (Daphnia) 2024 mg/l 72 hour IC 50 (Algae) 3014 mg/l Daphnia Sub acute 1062 mg/l Fish Subacute 433 mg/l BOD 5 day 0 mg/l COD 0 mg/l Earthworm Toxicity 1000 hg/cm2
COD and BOD 5	Not Available
Persistence/Degradability:	No information available
Mobility in soil	No Information available
Bioaccumulation Potential	No information available
Environmental Impact	No Data Available

13. Disposal considerations

Waste treatment Method	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original mixing with other waste. Handle uncleaned containers like the product itself

14. Transport information

DOT

UN Number	Not Applicable
Proper shipping name	Sodium Chloride Crystal Pure
Hazard Class	No Data Available
Packing group	No Data Available

TDG

UN Number	Not Applicable
Proper shipping name	Sodium Chloride Crystal Pure

Hazard Class	No Data Available
Packing group	No Data Available

IATA

UN Number	Not Applicable
Proper shipping name	Sodium Chloride Crystal Pure
Hazard Class	No Data Available
Packing group	No Data Available

IMDG/IMO

UN Number	Not Applicable
Proper shipping name	Sodium Chloride Crystal Pure
Hazard Class	No Data Available
Packing group	No Data Available

15. Regulatory information

Fedral and State Regulation	TSCA 8(b) inventory: Sodium chloride Crystal
Other Regulation	EINECS: This product is on the European Inventory of E
WHMIS (Canada)	Not controlled under WHMIS (Canada).
DSCL(EEC)	R40- Possible risks of irreversible effects. S24/25- Avoid

HMIS

Health Hazard	: 1
Fire Hazard	: 0
Reactivity	: 0
Personal Protection	: E

Fire :

Health Hazard	: 0
Fire Hazard	: 0
Reactivity	: 0
Specific Hazard	:

16. Other information

Other Information

The information above is believed to be accurate
available to us. However, we make no warranty of
implied, with respect to such information, and wea
should make their own investigations to deter
particular purposes. In no event shall be liable for an
for lost profits or any special, indirect, incidental,
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