

SoCal
SALTWORKS
SAFETY DATA SHEET

Section 1 Identification

Product Identifier: SoCal Saltworks Salt Crystals (Large, Medium and Small)
Synonyms: NaCl, Sodium chloride, common salt, bulk salt
Recommended Uses: Salt may be intended for livestock feed and many industrial applications such as water softening, deicing, curing hides and modifying the freezing point of water.
Recommended Restrictions: None Known
Manufacturer: SoCal Saltworks
1470 Bay Blvd, Chula Vista, CA 91911
Telephone: (619)423-3388
Emergency Phone#: (619) 423-3388

Section 2 Hazard(s) Identification

Physical Hazards: Not classified
Health Hazards: Not classified
OSHA defined hazards: Not classified
Label Elements:
Hazard symbol: None
Signal word(s): None
Hazard statement: The substance does not meet the criteria for classification
Precautionary:
Prevention: Observe good industrial hygiene practices
Response: Wash hands after handling
Storage: Store away from incompatible materials
Disposal: Dispose of waste and residues in accordance with federal/state/local authority requirements
Hazards not otherwise classified: None known

3. Composition /Information On Ingredients

Mixtures

Chemical name	CAS number	%
Sodium Chloride	7647-14-5	100

4. First-Aid Measures

Inhalation: If dust from the material is inhaled, remove the affected person to fresh air call a physician if symptoms develop or persist.
Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists
Ingestion: Give one or two glasses of water if patient is alert and able to swallow. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed:
Direct contact with eyes may cause temporary irritation
Indication of immediate medical attention and special treatment needed:
Treat symptomatically

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General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-Fighting Measures

Suitable extinguishing media:

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂)

Unsuitable extinguishing media:

Do not use water jet as extinguisher, as this will spread the fire.

Specific hazards arising from the chemical:

During fire, gasses hazardous to health may be formed.

Special protective equipment and precautions for firefighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Firefighting equipment /instructions:

Use water spray to cool unopened containers.

Specific methods:

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards: This product is not flammable or combustible.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Keep unnecessary personnel away. Avoid inhalation of dust from the spilled material. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection see section 8 of the SDS

Methods and materials for containment and cleaning up:

If sweeping of a contained area is necessary use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner equipped with HEPA filter. Minimize dust generation and accumulation. Avoid release to the environment. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions:

Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

Precautions for safe handling:

Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Avoid contact with water and moisture. Keep away from strong acids. Practice good housekeeping.

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Conditions for safe storage, including any incompatibilities:

Store in original tightly closed packaging. Store in a well ventilated place. Store away from incompatible materials (see Section 10 of the SDS for further details). Become hygroscopic at 70-75% relative humidity. Avoid humid or wet conditions as product will cake and become hard.

8. Exposure Controls/Personal Protection

Occupational exposure limits:

No exposure limits noted for ingredient.

Biological limit values: No biological exposure limits noted for the ingredient.

Appropriate engineering controls:

Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling and/or thermal processing.

Individual protection measures, such as personal protective equipment

Eye/Face Protection: Unvented tight fitting goggles should be worn in dusty areas.

Skin protection Hands: Wear appropriate chemical resistant gloves.

Other skin protection: Wear suitable protective clothing.

Respiratory protection: Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable), an approved respirator must be worn.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and Chemical Properties

Appearance: White crystalline to off white.

Physical State: Solid

Form: Crystalline solid

Color: White to off white

Upper/Lower Flammability and Explosive Limits:

Not available

Odor: Halogen odor.

Odor Threshold: Not available.

Vapor Pressure: 2.4 mm Hg (1376.6 °F (747 °C))

Vapor Density: Not available

pH: Not available

Relative Density: 2.16 (H₂O = 1)

Melting/Freezing Point: 1473.8 °F (801 °C)

Solubility (water): 26.4%

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Initial Boiling Point/Range: 2669 °F (1465 °C)(760 mm Hg)

Flash Point: Not available

Evaporation Rate: Not available

Partition Coefficient (n-Octanol/water):
Not available

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Not available

Other information:

Bulk density: 53 -83 lb/ft³

Molecular formula: NaCl

Molecular weight: 58.44

pH in aqueous solution: 6-10

10. Stability and Reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

Conditions to avoid: Contact with incompatible materials. Avoid dispersal of dust in the air (e.g. cleaning salt dust surfaces with compressed air).

Incompatible materials: Avoid contact with strong acids. Becomes corrosive to metals when wet or in solution.

Hazardous decomposition products:

May evolve chlorine gas when in contact with strong acids.

11. Toxicological Information

Information on likely routes of exposure:

Inhalation: Inhalation of dusts may cause respiratory irritation.

Skin contact: Prolonged or repeated skin contact may cause irritation.

Eye contact: Dust in the eyes will cause irritation.

Ingestion: Expected to be a low ingestion hazard.

Symptoms related to the physical chemical and toxicological characteristics:

Eye and skin contact: Exposure may cause temporary irritation, redness, or discomfort. For ingestion, consuming less than a few grams will not be harmful. The following effects were observed after ingesting an excessive quantity: nausea and vomiting, diarrhea, cramps, restlessness, irritability, dehydration, water retention, nose bleed, gastrointestinal tract damage, fever, sweating, sunken eyes, high blood pressure, muscle weakness, dry mouth and nose, shock, cerebral edema (fluid on brain), pulmonary edema (fluid in lungs), blood cell shrinkage, and brain damage (due to dehydration of brain cells). Death is generally due to cardiovascular or CNS damage.

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Information on toxicological effects:

Acute toxicity: In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

<u>Ingredient</u>	<u>Acute</u>	<u>Species</u>	<u>Test results</u>
Sodium Chloride (CAS 7647-14-5)	Oral LD50	Rat	3,000 mg/kg

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation:

Dust in the eyes will cause irritation. Large crystals in the eyes can cause abrasion.

Respiratory sensitization: Not available.

Skin sensitization: This product is not expected to cause skin sensitization.

Germ cell mutagenicity: No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

OSHA specifically regulated substances (20CFR 191.1001-1050): Not listed.

Reproductive toxicity: This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity:

Not classified.

Specific target organ toxicity – repeated exposure:

Not classified.

Aspiration hazard: Due to the physical form of the product it is not an aspiration hazard.

12. Ecological Information

Eco toxicity: This product is not classified as environmentally hazardous. However this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability:

No data is available on the degradability of this product.

Bio-accumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

13. Disposal Considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues /unused product:

Dispose of in accordance with local regulations. Empty containers or liners may contain some product residues. The material and its

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container must be disposed of in a safe manner (See: Disposal instructions).

14. Transport Information

DOT Not regulated as dangerous goods.
IATA Not regulated as dangerous goods.
IMDG Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:
Not applicable.

15. Regulatory Information

US Federal Regulations: All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40CFR 707, Subpt. D):
Not regulated.
OSHA Specifically Regulated Substances (29CFR 1910.1001-1050):
Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4):
Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard Categories: Immediate Hazard – No
Delayed Hazard – No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No
SARA 302 Extremely hazardous substance – Not listed.
SARA 311/312 Hazardous chemical – Not listed.
SARA 313 (TRI reporting) – Not regulated.

Other federal regulations:

Clean Air Act (CAA) Section 112 Hazardous Air pollutants (HAPs) List - Not regulated
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) – Not regulated.
Safe Drinking Water Act – Not regulated.

US State Regulations:

California Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other Information, Including Date of Preparation or Last Revision

Issue Date: June 1, 2024
Revision Date: -
Version: 1

Disclaimer: All statements, technical information and recommendations contained herein are, the best of our knowledge, reliable and accurate; however no warranty, either

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expressed or implied is made with respect thereto, nor will any liability be assumed for damages resultant from the use of the material described. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. It is also the responsibility of the user to maintain a safe workplace. The user should consider the health hazards and safety information provided herein as a guide and should take the necessary steps to instruct employees and to develop work practice procedures to ensure a safe work environment.