

# Material Safety Data Sheet



## Instant Ocean Sea Salt

Revised: 12/19/2012  
Replaces: 12/19/2012  
Printed: 06/21/2013

**Carolina Biological Supply Company**

2700 York Rd | Burlington, NC 27215 • to order: 800.334.5551 • for support: 800.227.1150

**CAROLINA**  
www.carolina.com

### Section 1 - Product Description

**Product Name:** Instant Ocean Sea Salt

**Product Code(s):** 97-2433

**Size:** Various

**Chemical Name:** N/A

**CAS Number:** N/A

**Formula:** N/A

**Synonyms:** Sea Salt

**Distributor:** Carolina Biological Supply Company, 2700 York Road, Burlington, NC 27215

**Chemical Information:** 800-227-1150 (8am-5pm (ET) M-F) Chemtrec 800-424-9300 (Transportation Spill Response 24 hours)

### Section 2 - Hazard Identification

**Emergency Overview:** Non-Hazardous under normal use.

**Potential Health Effects:**

**Eyes:** May cause irritation.

**Skin:** May cause irritation to skin.

**Ingestion:** May cause gastrointestinal discomfort.

**Inhalation:** May cause irritation to respiratory tract.

### Section 3 - Composition / Information on Ingredients

**Principal Hazardous Components:** Sodium Chloride (CAS # 7647-14-5); Magnesium Chloride (CAS # 7791-18-6); Sodium Sulfate (CAS # 7757-82-6); Calcium Chloride (CAS # 10043-52-4); Potassium Chloride (CAS # 7447-40-7)

**TLV units:** Sodium Chloride: N/A

Magnesium Chloride: N/A

Sodium Sulfate: N/A

Calcium Chloride: N/A

Potassium Chloride: N/A

**PEL units:** Sodium Chloride: N/A

Magnesium Chloride: N/A

Sodium Sulfate: N/A

Calcium Chloride: N/A

Potassium Chloride: N/A

### Section 4 - First Aid Measures

**Emergency and First Aid Procedures:**

**Eyes** - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Skin** - After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

**Ingestion** - If swallowed, rinse mouth with water (only if the person is conscious).

**Inhalation** - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

## Section 5 - Firefighting Procedures

**Flash Point (Method Used):** N/A

**NFPA Rating:**

**Health:** 1

**Fire:** 0

**Reactivity:** 0

**Extinguisher Media:** Use media suitable to extinguish surrounding fire.

**Flammable Limits in Air % by Volume:** N/A

**Autoignition Temperature:** N/A

**Special Firefighting Procedures:** Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** None Known

## Section 6 - Spill or Leak Procedures

**Steps to Take in Case Material Is Released or Spilled:** Ventilate area of spill. Clean-up personnel should wear proper protective equipment. Avoid creating dust. Sweep or scoop up and containerize for disposal.

## Section 7 - Special Precautions

**Precautions to Take in Handling or Storing:** Avoid creating and inhaling dust. Suitable for any general chemical storage.

## Section 8 - Protection Information

**Respiratory Protection (Specify Type):** None needed under normal conditions of use with adequate ventilation. A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded.

**Ventilation:**

**Local Exhaust:** Acceptable

**Mechanical(General):** Yes

**Special:** No

**Other:** No

**Protective Gloves:** Natural rubber, Neoprene, PVC or equivalent.

**Eye Protection:** Splash proof chemical safety goggles should be worn.

**Other Protective Clothing or Equipment:** Lab coat, apron, eye wash, safety shower.

## Section 9 - Physical Data

**Molecular Weight:** N/A

**Boiling Point:** N/A

**Vapor Density(Air=1):** N/A

**Percent Volatile by Volume:** N/A

**Solubility in Water:** Soluble

**Melting Point:** N/A

**Vapor Pressure:** N/A

**Specific Gravity (H2O=1):** 2.17

**Evaporation Rate (BuAc=1):** N/A

**Appearance and Odor:** White, odorless crystals.

## Section 10 - Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** None Known

**Incompatibility (Materials to Avoid):** Acids,

**Hazardous Decomposition Products:** N/A

**Hazardous Polymerization:** Will not occur

## Section 11 - Toxicity Data

**Toxicity Data:** Sodium Chloride: LD50 ORL Rat: 3000mg/kg

Magnesium Chloride: LD50 ORL Rat: 2800mg/kg

Sodium Sulfate: LD50 Percutaneous Rabbit: 4000mg/kg

Calcium Chloride: LD50 ORL Rat: 1000mg/kg

Potassium Chloride: LD50 ORL Rat: 2600mg/kg

**Effects of Overexposure:****Acute:** See Section 2**Chronic:** Not listed as a carcinogen by IARC, NTP or OSHA.**Conditions Aggravated by Overexposure:** None Known**Target Organs:** Cardiovascular system**Primary Route(s) of Entry:** Eye, Inhalation, ingestion**Section 12 - Ecological Data****EPA Waste Numbers:** N/A**Section 13 - Disposal Information****Waste Disposal Methods:** Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.**Section 14 - Transport Information****DOT Proper Shipping Name:** Not Regulated**Section 15 - Regulatory Information****EPA TSCA Status:** Not on TSCA Inventory**Hazard Category for SARA Section 311/312 Reporting:** Acute**Name List:**Sodium Chloride: No  
Magnesium Chloride: No  
Sodium Sulfate: No  
Calcium Chloride: No  
Potassium Chloride: No**Chemical Category:**

{EMSFORM\_15SARA\_C}

**CERCLA Section 103 RQ(lb.):** Sodium Chloride: No

Magnesium Chloride: No

Sodium Sulfate: No

Calcium Chloride: No

Potassium Chloride: No

**RCRA Section 261.33:** Sodium Chloride: No

Magnesium Chloride: No

Sodium Sulfate: No

Calcium Chloride: No

Potassium Chloride: No

**Section 16 - Additional Information**

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

## Glossary

ACGIH American Conference of Governmental Industrial Hygienists

CAS Number Chemical Services Abstract Number

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

DOT U.S. Department of Transportation

IARC International Agency of Research on Cancer

N/A Not Available

NTP National Toxicology Program

OSHA Occupational Safety and Health Administration

|      |  |
|------|--|
| PEL  | Permissible Exposure Limit                   |
| ppm  | Parts per million                            |
| RCRA | Resource Conservation and Recovery Act       |
| SARA | Superfund Amendments and Reauthorization Act |
| TLV  | Threshold Limit Value                        |
| TSCA | Toxic Substances Control Act                 |