

Product Name: Salt, Sodium Chloride
Revision Date: 10 October 2022 (Rev A)

SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Salt, Sodium Chloride
Intended Use: Industrial (not for food or food contact use)
Uses Advised Against: No information available

COMPANY IDENTIFICATION

Supplier: BURNDY LLC
47 East Industrial Park Drive
Manchester, NH 03109USA

24 Hour Emergency (INFOTRAC) (800) 535-5053 (US and Canada)
(352) 323-3500 (International)
Burndy Informational Number (603) 647-5000

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION

Health	Environmental	Physical
Serious eye damage/eye irritation – Category 2B	No Classifiable hazards	No Classifiable hazards

LABELLING

Symbols: Not Applicable	
Signal Word: Not Applicable	
Hazard Statements Causes eye irritation	Precautionary Statements <ul style="list-style-type: none">Wash face, hands and any exposed skin thoroughly after handlingIF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsingIf eye irritation persists: Get medical advice/ attention

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES

Name	CAS#	Wt. Percentage*
Sodium Chloride	7647-14-5	100

* Yellow prussiate of soda in trace amounts is used as an anti-caking agent in the sized salt.

SECTION 4 FIRST AID MEASURES

DESCRIPTION OF THE FIRST AID MEASURE

Eye: Burning feeling and temporary redness. May cause irritation and redness. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. If symptoms persist, call a physician.

Skin: May cause dryness to skin. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

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Inhalation: Move to fresh air. Irritating to mucous membranes. May cause throat irritation. If symptoms persist, call a physician.
Ingestion: If Drink plenty of water. Rinse mouth with water. If symptoms persist, call a physician. Not intended for human or animal consumption.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

Main Symptoms: No information available.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

Notes to physician: Keep patient under observation. Treat symptomatically

SECTION 5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
UNSUITABLE EXTINGUISHING MEDIA: Use of water spray when fighting fire may be inefficient.
SPECIAL HAZARDS ARISING FROM THE CHEMICAL: No information available
PRODUCTS OF COMBUSTION: Carbon monoxide. Carbon dioxide (CO₂).
EXPLOSION DATA:
Sensitivity to Mechanical Impact: None.
Sensitivity to Static Discharge: None.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protective equipment. Avoid dust formation. Avoid contact with the skin and the eyes

Environmental precautions: See section 12 for additional Ecological information.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

Methods for Containment: Prevent further leakage or spillage if safe to do so. Avoid generation and spreading of dust.

Methods for Cleaning-Up: Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

SECTION 7 HANDLING AND STORAGE PRECAUTIONS FOR SAFE HANDLING

Handling: Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not ingest.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Products: Bromine Trifluoride, Lithium

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:

Exposure Guidelines: Treat as a nuisance dust.

Engineering Controls: Showers, Eyewash stations, Ventilation systems. Ensure adequate ventilation to remove vapors, fumes, dust, etc. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Ensure that eyewash stations and safety showers are close to the workstation location.

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INDIVIDUAL PROTECTIVE MEASURES

- Eye/Face Protection:** Safety glasses with side-shields. or. Tightly fitting safety goggles. for dusty conditions.
- Skin/Body Protection:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear latex or Nitrile gloves.
- Respiratory Protection:** Effective dust mask. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
- Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use

SECTION 9

PHYSICAL/CHEMICAL PROPERTIES

Appearance:	White, crystalline.
Color:	Not available.
Odor:	Odorless.
Odor Threshold:	No information available.
Physical State:	Solid.
pH:	No information available
Melting Point/Freezing Point:	800 °C/ 1472 °F.
Boiling Point and Boiling Range:	1413 °C / 2575 °F.
Flash Point:	Not available.
Evaporation Rate:	Not available.
Flammability:	Not flammable.
Lower Flammability:	Not available.
Upper Flammability:	Not available.
Vapor Pressure:	1 MM@ 855 deg
Vapor Density:	Not available.
Specific Gravity:	2.165
Water solubility:	Appreciable (26.43 % by weight at 20C)
Solubility in other solvents:	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity Kinematic/Dynamic:	Not available.
Explosive Properties:	Not available.
Oxidizing Properties:	Not available.
Softening Point:	No information available
Molecular Weight:	No data available
VOC Content:	No data available.
Density:	No data available
Bulk Density:	No data available

SECTION 10

STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable under normal storage conditions.
Possibility Of Hazardous Reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions To Avoid:	No information available.
Incompatible Materials:	Bromine Trifluoride, Lithium.
Hazardous Decomposition Products:	When heated to decomposition (above 1413 C) may emit toxic fumes of Na ₂ O and Cl ₂ .

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SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

- Eye Contact:** May cause irritation.
- Skin contact:** Irritating to skin. Prolonged contact may cause redness and irritation.
- Inhalation:** May cause irritation of respiratory tract. Inhalation of dust in high concentration may cause irritation of respiratory system.
- Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
Sodium Chloride 7647-14-5	3 g/kg (Rat)	10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h

INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms: No information available.

DELAYED AND IMMEDIATE EFFECTS, CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

- Sensitization:** No information available.
- Mutagenic Effects:** No information available.
- Carcinogenicity:** There are no known carcinogenic chemicals in this product.
- Reproductive Toxicity:** No information available.
- Specific target organ systemic toxicity (single exposure):** No information available.
- Specific target organ systemic toxicity (repeated exposure):** No information available.
- Target Organ Effects:** Skin, Eyes, Gastrointestinal tract (GI).
- Aspiration Hazard:** No information available.

NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION

The following values are calculated based on chapter 3.1 of the GHS document

- LD₅₀ Oral (mg/kg):** 3000 mg/kg (rat) Estimated
- LD₅₀ Dermal:** 10000 mg/kg (rat) Estimated
- LC₅₀ Inhalation (DUST):** 17572 mg/l (mist) (dust) mg/m³ 4 hour Estimated

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium Chloride 7647-14-5	-	4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC ₅₀ flow-through 5560 - 6080: 96 h Lepomis macrochirus mg/L LC ₅₀ flow-through 6020 - 7070: 96 h Pimephales promelas mg/L LC ₅₀ static 6420 - 6700: 96 h Pimephales promelas mg/L LC ₅₀ static 12946: 96 h Lepomis macrochirus mg/L LC ₅₀ static 7050: 96 h Pimephales promelas mg/L LC ₅₀ semi-static	340.7 - 469.2: 48 h Daphnia magna mg/L EC ₅₀ Static 1000: 48 h Daphnia magna mg/L EC ₅₀

- Persistence And Degradability:** No information available.
- Bioaccumulation:** No information available.
- Other Adverse Effects:** No information

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SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements. Dispose of in accordance with federal, state, and local regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14 TRANSPORTATION

Regulatory Information	UN Number	Proper Shipping Name	Hazard Class	Packing Group	Label(s)	RQ	Additional Information
DOT	Not regulated						
TDG	Not regulated						
MEX	Not regulated						
ICAO	Not regulated						
ICAO/IATA	Not regulated						
IMDG/IMO	Not regulated						
RID	Not regulated						
ADR/RID	Not regulated						
ADN	Not regulated						

SECTION 15 REGULATORY INFORMATION

International Inventories

TSCA: Complies
DSL/NDSL: Complies
EINECS/ELINCS: Complies
ENCS: Complies
IECSC: Complies
KECL: Complies
PICCS: Complies
AICS: Complies

Legend:

TSCA: United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS: European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS: Japan Existing and New Chemical Substances
IECSC: China Inventory of Existing Chemical Substances
KECL: Korean Existing and Evaluated Chemical Substances
PICCS: Philippines Inventory of Chemicals and Chemical Substances
AICS: Australian Inventory of Chemical Substances

U.S. Federal Regulations

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SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide registration number: Not applicable

SECTION 16		OTHER INFORMATION		
NFPA	Health Hazard 0	Flammability 0	Instability 0	Physical and chemical hazards -
HMIS	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal protection - X

This SDS provides a good faith representation of information believed to be accurate as of the last revision date. This document does not create any express or implied product warranties. Since conditions of use are beyond the control of Burndy LLC, all risks associated with product use are assumed by the user.
