



The Worldwide Resource...

THE BTTCO OVERSEAS

A GOVT. OF INDIA RECOGNIZED *STAR EXPORT HOUSE*
A D&B CERTIFIED COMPANY - DUNS NUMBER: 87-229-6440

Material Safety Data Sheet Sodium chloride

Section 1: Chemical Product and Company Identification

Product Name	: Sodium chloride
Catalog Numbers	: AC194090000, AC194090010, AC194090050, AC1940900510, AC194090250, AC207790000, AC207790010, AC207790050, AC327300000, AC327300010, AC424290000, AC424290030, AC424290250, 42429-0010, 42429-5000, BP358-1, BP358-10, BP358-212, NC9269808, NC9380133, NC9460864, NC9634552, NC9780594, NC9821620, NC9826699, NC9919051, NC9974906, S271-1, S271-10, S271-10LC, S271-1LC, S271-3, S271-350LB, S271-50, S271-500, S271-50LC, S640-10, S640-10LC, S640-3, S640-350LB, S640-50, S640-500, S640SAM1, S640SAM2, S640SAM3, S641-212, S641-350LB, S641-500, S641P-350LB, S641P350LLC, S642-12, S642-212, S642-350LB, S642-500, S64212LC, S642350LBLC, S642SAM1, S642SAM2, S642SAM3, S671-10, S671-3, S671-500
Synonyms	: Common salt; Halite; Rock salt; Saline; Salt; Sea salt; Table salt.
Company Identification	: THE BTTCO OVERSEAS 6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall, Navrangpura, Ahmedabad 380 009, India
Telephone Number	: +91 94265 96891

Section 2: Composition and Information on Ingredients

CAS #	Chemical Name	Percent	EINECS/ELINCS
7647-14-5	Sodium chloride	99+	231-598-3

Section 3: Hazards Identification

EMERGENCY OVERVIEW	: Appearance: white solid. Caution! May cause eye, skin, and respiratory tract irritation. Hygroscopic (absorbs moisture from the air).
Target Organs	: None known.



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Potential Health Effects

Eye	: May cause eye irritation. Exposure to solid may cause pain and redness.
Skin	: May cause skin irritation. May be harmful if absorbed through the skin.
Inhalation	: May cause respiratory tract irritation. May be harmful if inhaled.
Ingestion	: May cause irritation of the digestive tract. May be harmful if swallowed. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions. Continued exposure can produce coma, dehydration, and internal organ
Chronic	: No information found.

Section 4: First Aid Measures

Eyes	: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
Skin	: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Inhalation	: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
Ingestion	: Do not induce vomiting. Get medical aid if irritation or symptoms occur.
Notes to Physician	: Treat symptomatically and supportively.

Section 5: Fire and Explosion Data

General Information	: Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. May be combustible at high temperatures.
Extinguishing Media	: Use water spray, dry chemical, carbon dioxide, or chemical foam.

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- Flash Point** : Not applicable.
- Autoignition Temperature** : Not available.
- Explosion Limits, Lower** :Not available.
- Upper** : Not available.
- NFPA Rating** : (estimated) Health: 1; Flammability: 0; Instability: 1

Section 6: Accidental Release Measures

- General Information** : Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks** : Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Provide ventilation. Do not let this chemical enter the environment.

Section 7: Handling and Storage

- Handling** : Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
- Storage** : Store in a cool, dry place. Store in a tightly closed container.

Section 8: Exposure Controls/Personal Protection

- Engineering Controls** : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PEL
Sodium chloride	none listed	none listed	none listed

- OSHA Vacated PELs** : Sodium chloride: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Clothing: Wear appropriate protective clothing to prevent skin exposure.

- Eyes** : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

- Skin** : Wear appropriate protective gloves to prevent skin exposure.

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Clothing : Wear appropriate protective clothing to prevent skin exposure.

Respirators : A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9: Physical and Chemical Properties

Physical State : Solid
Appearance : white Odor: odorless
Ph : 5.0 - 8.0 (5% aq.sol. 20°C)
Vapor Pressure : 1 mm Hg @ 865 deg C
Vapor Density : Not available.
Evaporation Rate : Not available.
Viscosity : Not available.
Boiling Point : 1461 deg C @ 760 mmHg
Freezing/Melting Point : 801 deg C
Decomposition Temperature : Not available.
Solubility : 360 g/L (20°C)
Specific Gravity/Density : 2.165
Molecular Formula : NaCl
Molecular Weight : 58.44

Section 10: Stability and Reactivity Data

Chemical Stability : Hygroscopic: absorbs moisture or water from the air.

Conditions to Avoid : High temperatures, incompatible materials, dust generation, exposure to moist air or water.

Incompatibilities with Other Materials : Metals, strong oxidizing agents, strong acids, bromine trifluoride, nitro compounds, dichloromaleic anhydride + urea.

Hazardous Decomposition Products : Hydrogen chloride, sodium oxide.

Hazardous Polymerization : Will not occur.

Section 11: Toxicological Information

RTECS# : CAS# 7647-14-5: VZ4725000
LD50/LC50 : CAS# 7647-14-5:
Draize test, rabbit, eye: 100 mg Mild;
Draize test, rabbit, eye: 100 mg/24H Moderate;
Draize test, rabbit, eye: 10 mg Moderate;

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Draize test, rabbit, skin: 50 mg/24H Mild;
Draize test, rabbit, skin: 500 mg/24H Mild;
Inhalation, rat: LC50 = >42 gm/m³/1H;
Oral, mouse: LD50 = 4 gm/kg;
Oral, rat: LD50 = 3000 mg/kg;
Skin, rabbit: LD50 = >10 gm/kg;

Carcinogenicity	: CAS# 7647-14-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Epidemiology	: The only adverse effect noted from occupational exposures have been mild nasal irritation with exposure to high dust levels and hypertension.
Teratogenicity	: No information found
Reproductive Effects	: No information found
Mutagenicity	: No information found
Neurotoxicity	: No information found
Other Studies	: No information found

Section 12: Ecological Information

Ecotoxicity	: No data available. No information available.
Environmental	: No information available.
Physical	: No information available.
Other	: Do not empty into drains.

Section 13: Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series	: None listed.
RCRA U-Series	: None listed.



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Section 14: Transport Information

	US DOT	Canada TDG
Shipping Name:	Not regulated	Not regulated
Hazard Class:		
UN Number:		
Packing Group:		

Section 15: Other Regulatory Information

US FEDERAL

- TSCA** : CAS# 7647-14-5 is listed on the TSCA inventory.
- Health & Safety Reporting List** : None of the chemicals are on the Health & Safety Reporting List.
- Chemical Test Rules** : None of the chemicals in this product are under a Chemical Test Rule.
- Section 12b** : None of the chemicals are listed under TSCA Section 12b.
- TSCA Significant New Use Rule** : None of the chemicals in this material have a SNUR under TSCA.
- CERCLA Hazardous Substances and corresponding RQs** : None of the chemicals in this material have an RQ.
- SARA Section 302** : Extremely Hazardous Substances None of the chemicals in this product have a TPQ.
- SARA Codes** : CAS # 7647-14-5: immediate.
- Section 313** : No chemicals are reportable under Section 313.
- Clean Air Act** : This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depletors.
This material does not contain any Class 2 Ozone depletors.
- Clean Water Act** : None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.



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- OSHA** : None of the chemicals in this product are considered highly hazardous by OSHA.
- STATE** : CAS# 7647-14-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ.
- California Prop 65** : California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

- Hazard Symbols** : Not available.
- Risk Phrases** : Not available.
- Safety Phrases** : S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection) : CAS# 7647-14-5: 0

Canada - DSL/NDSL : CAS# 7647-14-5 is listed on Canada's DSL List.

Canada – WHMIS : This product has a WHMIS classification of Not controlled. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. Canadian Ingredient Disclosure List

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall BTTCO be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if BTTCO has been advised of the possibility of such damages.

Date: 01.04.2024

Place: Ahmedabad, Gujarat, India