



Material Safety Data Sheet

Section 1: Product and Company Information		
Product Name	Bamboo Salt Sodium Chloride	
Intended Use	Used as a culinary ingredient and a traditional medicine	
Date of analysis	11-04-2025 To 14-04-2025	
Company Identification	Bharat Global Shipping Ward No 11, New Doctor Colony, Budhi Road, Balaghat , Madhya Pradesh - 481001 , India	
Company Contact Details	+91 9755757506	
Emergency Contact detail	Mail ID: sparsh@bharatglobalshipping.com	
Section 2: Composition / Information on Ingredients		
Product Name	Bamboo Salt Sodium Chloride	
Synonyms	Bamboo Salt Sodium Chloride	
Source	Bamboo	
Component Name	CAS No.	% Composition Range
Sodium Chloride (on dry salt)	7647-14-5	99.06
Calcium (Ca)	7440-70-2	0.001773
Magnesium Sulphate (MgSO4)	7487-88-9	0.001315
Iron	7439-89-6	0.000958
Copper	7440-50-8	<1
Lead	7439-92-1	<1
Arsenic	7440-38-2	0.5

This report can be verified at web.sigmatest.org or scan QR code to verify.



Section 3: Hazards Identification	
Inhalation	
Acute Health Effects	Not Classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Chronic Health Effects	Not Classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Aggravation of Pre-existing Conditions	Not Available
Ingestion	
Acute Health Effects	Not Classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Chronic Health Effects	Not Classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Aggravation of Pre-existing Conditions	Not Available
Eye Contact	
Acute Health Effects	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Chronic Health Effects	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Aggravation of Pre-existing Conditions	Not Available
Skin Contact	
Acute Health Effects	Not Classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Chronic Health Effects	Not Classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Aggravation of Pre-existing Conditions	Not Available
Section 4: First Aid Measures	
After Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician



After Skin Contact	Wash off with soap and plenty of water. Consult a physician.
After Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
After Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician
Section 5: Fire Fighting Measures	
Fire	Non-flammable
Explosion	None
Flash Point	No data available
Auto-Ignition	No data available
Flammable Limits	No data available
Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Special Fire Fighting Procedure	Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous Thermal Decomposition Byproducts	Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas, Zinc/zinc oxides
Fire/Explosion Hazards	None
Section 6: Accidental Release Measures	
Containment Techniques	Do not let product enter drains
Spill Response Equipment	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Personal Protective Equipment	Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
Section 7: Handling and Storage	
Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.



Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Section 8: Exposure Controls / Personal Protection	
Engineering Controls	Contains no substances with occupational exposure limit values.
Skin Protection	Handle with gloves. Gloves must be inspected prior to use.
Eye/Face Protection	Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Work Hygiene Practices	Handle in accordance with good industrial hygiene and safety practice.
Section 9: Physical and Chemical Properties	
Appearance	Crystalline solid
Colour	Dark Purple
Odor	Smoky Sulphureous Smell
Purity	As above.
pH Value	Approx 10. This makes it highly alkaline
Flash point	No data available
Melting Point	801° C
Freezing point	No data available
Flammability	No data available
Boiling point	1413° C
Density	2.154g/ml
Explosion Limits	No data available
Solubility in water	36g/100gH ₂ O @20° C
Vapor Density (Air=1)	No data available
Solubility in organic solvent	Not soluble
Evaporation Rate	No data available



Viscosity	No data available
Section 10: Stability and Reactivity	
Stability	No data available
Hazardous Decomposition Products	No data available
Hazardous Polymerization	Not Applicable
Incompatibilities	Strong oxidizing agents, Strong bases
Conditions to Avoid	Storage at high temperatures.
Section 11: Toxicological Information	
Toxic metals content	
Lead (Pb), ppm	Not Detected (Detection Limit=0.05)
Cadmium (Cd), ppm	Not Detected (Detection Limit=0.05)
Mercury (Hg), ppm	Not Detected (Detection Limit=0.05)
Arsenic (As), ppm	Not Detected (Detection Limit=0.05)
Hexavalent Chromium (Cr+6), ppm	Not Detected (Detection Limit=0.01)
Occupationally Relevant Routes of Exposure	
Inhalation	No data available
Ingestion	No data available
Skin	No data available
Eye	No data available
Section 12: Ecological Information	
Environmental Fate	No data available
Distribution and Persistence in the Environment	No data available
Bioaccumulation in Aquatic Organisms	No data available



Permissible Concentration in Water	No data available
Section 13: Disposal Considerations	
Physical/Chemical Properties	As above
Recommended Disposal Method	Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations
Empty Containers	There should be no empty containers
Section 14: Transportation Information	
RID/ADR	Non-hazardous for road transport
IMDG	Non-hazardous for sea transport
IATA	Non-hazardous for air transport
Section 15: Regulatory Information	
WHMIS	This product is not classed as dangerous substance under the classification, packaging and labeling of dangerous substances regulations
Section 16: Labeling Information	
Product Name	Bamboo Salt Sodium Chloride
Signal Word	Bamboo Salt Sodium Chloride
Hazard Description	Not Required
Precautions	Not Required
First Aid Procedures	Not required as a non-toxic product
Fire Instructions	Non Flammable
Spill or Leak Procedures	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Handling and Storage Instructions	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Store in cool place. Keep container tightly closed in a dry and well-ventilated place.



Section 17: Other Information	
HMIS Ratings	Not Available
NFPA Ratings	Not Available
Date	14/04/2025
Disclaimer	<p>This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated.</p> <p>However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.</p>

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Shruti
Issued By
Shruti Vij
Technical Manager