

Nasco

# IMPORTANT

## MATERIAL SAFETY DATA SHEET

READ CAREFULLY BEFORE USING CHEMICAL. MSDS requires that this form be kept on file.

Product No. **SB 7683 M**

Product Name **SODIUM CHLORIDE**

Health Hazard	1
Flammability	0
Reactivity	0

**SECTION I NAME**  
 Chemical Synonyms **Salt**  
 Formula **NaCl**

C.A.S. No. **7647-14-5**

### SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Component(s)	%	P.E.L.	TLV Units
N/A			
<b>SECTION III PHYSICAL DATA</b>			
Melting Point (F)	804°C (1479°F)		2.16
Boiling Point (F)	1412°C (2575°F)		N/A
Vapor Pressure (mm Hg)	1.0 at 1589°F		No Information
Vapor Density (Air=1)	N/A		
Solubility in Water	36g / 100 cc at 20°C		
Appearance & Odor	White crystals, granular or powder. Odorless.		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point Method Used	Not considered flammable.	Flammable Limits in Air % by Volume	Lower	Upper
Self-Heating Potential			N/A	N/A
Special Firefighting Procedures	Use any means suitable for extinguishing surrounding fire.			

Special Handling Procedures: None.  
 In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Usual Fire and Explosion Hazards  
 None known.

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None established.

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Effects of Overexposure  
 Irritation of dust may cause mild irritation to mucous membranes, nose and throat. Symptoms may include coughing, dryness, and sore throat. Irrigation: Very large doses can cause vomiting, diarrhea, and prostration. Dehydration and congestion occur in most internal organs. Hypertonic salt solutions can produce violent cramp-like reactions in the gastrointestinal tract.

### Emergency and First Aid Procedures

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.  
 Ingestion: If large amounts were swallowed, get medical advice. Skin contact: Wash exposed area with soap and water. Get medical advice if irritation develops. Eye contact: Wash thoroughly with running water. Get medical advice if irritation develops.

### SECTION VI REACTIVITY

Stability  Stable  Unstable   
 Conditions to Avoid  
 None under ordinary conditions.  
 Incompatibility (Materials to Avoid)  
 Lithium, bromide trifluoride

Hazardous Decomposition Products  
 Stability: Stable under ordinary conditions of use and storage. When heated to above 804°C (1479°F) it emits toxic fumes of chloride and sodium oxide.

Hazardous Polymerization  
 Conditions to Avoid  
 None  
 May Occur  Will Not Occur

### SECTION VII SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled  
 Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Waste Disposal Method  
 Check with local, state, or federal, state or local laws. These disposal procedures are intended for the disposal of top layer sludge. Wetland sludge may be disposed in approved waste disposal facility, or if local authorities allow, can be substituted with materials of better environmental quality standards and flushed down a sewer drain.

### SECTION VIII SPECIAL PROTECTION INFORMATION

Respirator Protection: NIOSH dust respirator may be worn.  
 Protective Gloves: Rubber  
 Eye Protection: Safety Glasses  
 Other Protective Equipment: Lab Coat, Eye Wash Station

### SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling & Storing  
 None known.

N/A

Other Precautions  
 None known.

Approved by **Steven C. Quantl** Effective Date **05/18/95**

DOT: Not Regulated