

# Safety Data Sheet

According to 1907/2006/EC

## SODIUM CHLORIDE

Date Prepared : 10.01.2014  
Revision : 1

Revision Date : 13.05.2016  
Safety Data Sheet No : GBF - 1506

### 1- PRODUCT AND COMPANY IDENTIFICATION

- **Product identifier**
  - Product name** SODIUM CHLORIDE
- **Identified uses**
  - As human food, animal feed, chemical and other industries ...
- **Details of the supplier of the safety datasheet:**
  - Company name** AMEsalt, LLC
  - Address** 1800 Second Street, Suite 799 Sarasota, FL 34236
  - Tel** 1.941.301.4330
  - Fax** 1.305.205.3847
  - E-mail** joao@amesalt.com
- **Emergency telephone numbers**
  - Company info desk** + 1.305.205.3847

### 2- HAZARDS IDENTIFICATION

- **Classification of the substance or mixture:**
  - None - GRAS Substance (Generally Recognized As Safe)
- **Potential Health Effects:**
  - Eye** Direct contact may cause eye irritation.
  - Skin** Prolonged skin contact may cause irritation.
  - Inhalation** Inhalation not expected to be a significant loss. However, long-term inhalation may cause respiratory tract irritation.
  - Ingestion** It is permissible to be in a small amount. High doses ingested, nausea and vomiting, diarrhea, cramps, restlessness, irritability, dehydration, water retention, epistaxis, gastrointestinal tract damage, fever, sweating, sunken eyes, high blood pressure, muscle weakness, mouth and nose, shock, cerebral (cerebrospinal fluid) or pulmonary edema (fluid in the lungs), and blood cell shrinkage (due to dehydration of brain cells) can result in brain damage.
- **Impacts on the Environment:**
  - In case of accident** It is dangerous to aquatic organisms. If spillage take necessary precautions and (spillage / leakage) please act according to your local regulations.
- **Additional Information:**
  - To accidents that occur during transport and for measures to be taken against spills.

### 3- COMPOSITION/INFORMATION ON INGREDIENTS

- **Chemical characterization**
  - Directions** Material
  - Chemical Name** Sodium Chloride
  - CAS No** 7647-14-5
  - EINECS No** 231-598-3
  - Classification** Hazardous\*

\* According to 91 /155 / EEC

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### 4- FIRST AID MEASURES

- **Eye contact:**

Wash eyes at least 15 minutes with plenty of water in a way while eyelids are opened and lower and upper eyelids occasionally lifting. Get medical attention if irritation develops.

- **Skin contact:**

Wash skin thoroughly with plenty of water. Get medical attention if irritation develops.

- **Ingestion:**

When taken in large quantities, it is advisable to drink 2-4 glasses of water or milk. Never give anything by mouth to an unconscious person's. Get medical attention.

- **Inhalation:**

Remove victim to fresh air. If not breathing, give artificial respiration. If he has difficulty in breathing, give oxygen. Get medical attention.

### 5- FIRE FIGHTING MEASURES

- **Suitable extinguishing media:**

Not flammable. Water spray, CO<sub>2</sub>, foam or powder extinguishers.

- **Specific Hazards arising from the chemical:**

Avoid breathing gases, vapors, fumes and decomposition products

- **Special protective equipment:**

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

- **Other Information:**

Fire-fighting waste should not be allowed to reach the sewerage.

### 6- ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:**

Avoid contact with substance. Use protective equipment.

- **Environmental Precautions:**

Do not mix with surface water and sewerage system. Dilute with plenty of water.

- **Methods for Clean-up:**

Clean sweeping dust or vacuum with an absorbing system.

- **Additional Information:**

for information on safe handling See Section 7, for information on personal protection equipment See Section 8, for information on disposal See Section 13

### 7- HANDLING AND STORAGE

- **Handling precautions:**

During the use of chemicals to prevent being inhaled, ingestion, eye and skin contact industrial hygiene standards and common rules must be followed.

Wash thoroughly after handling

- **To protect against fire and explosion alerts:**

No special precautions required.

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- **Storage:**
  - **Storage conditions:**  
Store in accordance with local regulations..
  - **Advice on common storage:**  
Store in accordance with local regulations..
  - **More information on storage conditions:**  
Keep in the original container. Keep in normal temperature and humid environment.

### 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Personal protective clothing:**
  - **General protective and hygiene measures:**  
Immediately remove contaminated clothing. Wash hands during breaks and after work. Avoid contact with eyes and skin.
  - **Respiratory protection:**  
Local and/or general ventilation system is sufficient.
  - **Eye/Face Protection:**  
In a dusty environment use eyes sitting full chemical protective goggles.
  - **Skin Protection:**  
Use protective gloves in dusty environments, but usually is not needed.
  - **Environmental exposure controls:**  
Conviction within the framework of existing legislation should be met in full.

### 9- PHYSICAL AND CHEMICAL PROPERTIES

• <b>General Information:</b>	
Appearance	Crystal particles
Colour	White
• <b>Important Health, Safety and Environmental Information:</b>	
pH (20°C) (5% solution)	7,0 - 8,0
Melting Range (°C)	800 - 802
Boiling Point (°C) 760 mmHg	1461
Ignition temperature (°C)	Not relevant.
Self igniting temperature, (°C)	Not relevant.
Explosive Properties	Not relevant.
Freezing Point (°C) 760 mmHg	Not been determined.
Bulk density (20°C) t/m <sup>3</sup>	1,2
Solubility in water (20°C) g/l	360
• <b>Other Information:</b>	
Conductivity	Not relevant.
Self Flammability temp (°C)	Not relevant.

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### 10-STABILITY AND REACTIVITY

- **Chemical Stability:**  
Under standard ambient conditions (room temperature) products is chemically stable.
- **Conditions to Avoid / Incompatible Materials:**  
Thermal decomposition when used in a proper manner, does not cause divorce.
- **Dangerous reactions / materials to avoid:**  
Alkalis, strong oxidizing agents, strong acids. Be corrosive to metals when wet.
- **Hazardous Decomposition Products:**  
In contact with strong acids, chlorine gas can be released.

### 11-TOXICOLOGICAL INFORMATION

- **Acute toxicity:**

Ingredient	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Sodium Chloride	5800 mg/kg	-	-

- **Other Toxicological Effects:**

Allergic effects	There is no known effect.
Repeated Dose Effect on Stun Effect	There is no known effect.
Developmental Toxicological Effects (teratogenic effects)	There is no known effect.
Fertility	There is no known effect.
Carcinogenicity	Not listed in ACGIH, IARC or NTP.

- **Impact on health:**

In Eye Contact	May cause mild eye irritation.
In Skin Contact	Does not cause significant skin irritation.
In case of inhalation	Not a serious cause irritation by inhalation.
In case of ingestion	Not a serious cause ingestion by inhalation..

- **Additional toxicological information:**

Toxicological information content and the resulting classification is made according to the current information..

- **Additional Information:**

Taking into account the information in the product section 2 for the specific health effects of certain substances is taken into consideration.

### 12-ECOLOGICAL INFORMATION

Compound	EINECs No	CAS No	Content, %	Aquatic Ecotoxicity			Biodegradability	Bioaccumulation	
				Fish	Daphnia	Algae		BCF	Log Pow
Sodium Chloride	231-598-3	7647-14-5	97,0 -98,0	LC50: 12946 mg/l 96 hr	EC50: 6175 mg/l 16 hr	EC50: 2430 mg/l 5 Days	No data	No data	No data

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- **Impact on Wastewater Treatment Plants:**

Product; suppressive effect on the activity of micro-organisms have information about whether there is, the possible impact on sewage treatment plants is not known.

- **Persistency and degradability:**

The decomposition potential of item No data

Half-life of the deterioration No data

- **Additional Information:**

Avoid discharge to surface and underground waters, drinking water supplies, still and flowing waters, sewer. Do not allow to release to the environment.

### 13-DISPOSAL CONSIDERATIONS

- **Product:**

**Recommendation:** Waste and packaging must be disposed of in accordance with official regulations.

- **Safe disposal:**

Products should be disposed of in accordance with official regulations.

Must not be disposed of with household waste.

- **Uncleaned packaging:**

**Suggestion:** If necessary, water with cleaning agent. In accordance with the legislation must be sent to packaging return system.

### 14-TRANSPORT INFORMATION

- **According to the international transport regulations [ADR / RID (Road), ADN (River Channel), IMDG (Sea), ICAO / IATA (Air)] can not be classified as hazardous.**

### 15-REGULATORY INFORMATION

- **Classification and labeling:**

The product according to the procedures and principles stipulated in the EU directive is classified and labeled.

- **Safety phrases:**

**S24/25** Avoid any inhalation, contact with skin and eyes. Wear suitable protective clothing and gloves

### 16-OTHER INFORMATION

- **MSDS Preparer:** Gultekin Baskoylu (License No: TSE GBF-1117)

- **Date Prepared :** January 10, 2014

- **Additional Information**

The key sources used to prepare this safety data sheet is as below;

- The SDS of the ingredient
- UN ADR, IMDG, IATA lists,
- ECHA and related EU directives,
- IUCLID (International Uniform Chemical Information Database),
- HSDB (Hazardous Substances Data Bank)

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- **Further Information**

The information contained within this Safety Data Sheet are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for consideration, investigation and verification. It is the user's responsibility to follow the guidelines as outlined within this SDS. The user assumes all risk of use, storage and handling in compliance with applicable laws and regulations. AMEsalt, LLC makes no warrant of any kind, express or implied, concerning the accuracy or completeness of the information and data within this SDS. AMEsalt, LLC use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are accurate, inaccurate incomplete or otherwise misleading. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

The user should always follow the most current SDS available.