

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SODIUM CHLORIDE

Date Prepared : 10.01.2014
Revision : 1

Revision Date : 10.06.2021
Safety Data Sheet No : GBF - 1506

1- PRODUCT AND COMPANY IDENTIFICATION

1.1- Product identifier

Product name SODIUM CHLORIDE

1.2- Identified uses

As human food, animal feed, chemical and other industries ...

1.3- Details of the supplier of the safety data sheet:

Company name **Koyuncu Nakliye Pazarlama ve Ticaret A.Ş.**
Address Eski Sanayi Karşısı Çevre Yolu Kavşağı SELÇUKLU/KONYA/TURKEY
Tel + 90 332 245 82 30
Fax + 90 332 245 82 46
E-mail emre.karabaloglu@koyuncu.com
Providing Information About Security
Emre KARABALOĞLU

1.4- Emergency telephone number:

Company info desk + 90 332 245 82 30

2- HAZARDS IDENTIFICATION

2.1- Classification of the substance or mixture:

None - GRAS Substance (Generally Recognized As Safe)

2.2- 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

2.3- Impacts on the Environment:

In case of accident It is dangerous to aquatic organisms. If spillage take necessary precautions and please act according to your local regulations.

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2.4- Additional Information: To accidents that occur during transport and for measures to be taken against spills.

3- COMPOSITION/INFORMATION ON INGREDIENTS

3.1- 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

4- FIRST AID MEASURES

4.1- Description of 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.

4.2- Most important symptoms and effects, both acute and delayed

Direct contact with eyes may cause temporary irritation.

4.3- Indication of any immediate medical attention and special treatment needed

Treat symptoms and eliminate overexposure

5- FIRE FIGHTING MEASURES

5.1- Extinguishing Media

Suitable extinguishing media:

Not flammable. Water spray, CO₂, foam or powder extinguishers.

5.2- Special hazards arising from the substance or mixture

Avoid breathing gases, vapors, fumes and decomposition products

5.3- Advice for firefighters

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.

5.4- Other Information:

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

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6- ACCIDENTAL RELEASE MEASURES

6.1- Personal precautions, protective equipment and emergency procedures

Avoid contact with substance. Use protective equipment.

6.2- Environmental Precautions:

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

6.3- Methods and materials for containment and cleaning up

Clean sweeping dust or vacuum with an absorbing system.

6.4- References to other sections

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

7.1- Precautions for safe handling

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.

7.2- Conditions for safe storage, including any incompatibilities

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

8.1- Control parameters

Contains no substances with occupational exposure limit values.

8.2- Exposure controls

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.

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Environmental exposure controls:

Conviction within the framework of existing legislation should be met in full.

9- PHYSICAL AND CHEMICAL PROPERTIES

9.1- Information on basic physical and chemical properties

Appearance	Crystal solid particles
Colour	White
Odour	Odourless
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 ³	1,2
Solubility in water (20°C) g/l	360

9.2- Other Information:

Conductivity	Not relevant.
Self Flammability temp (°C)	Not relevant.

10-STABILITY AND REACTIVITY

10.1- Reactivity

Stable under normal temperature and pressure.

10.2- Chemical Stability

Under standard ambient conditions (room temperature) products is chemically stable.

10.3- Possibility of hazardous reactions

Under normal conditions, the reactions that can occur are not dangerous.

10.4- Conditions to Avoid

It does not cause thermal decomposition or decomposition when used properly.

10.5- Incompatible Materials

Metals, strong oxidizing agents, strong acids, nitro compounds.

10.6- Hazardous Decomposition Products:

Not relevant.

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11- TOXICOLOGICAL INFORMATION

11.1- Information on toxicological effects

Acute toxicity:

Ingredient	EC No	CAS No.	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
Sodium Chloride	231-598-3	7647-14-5	> 3980 mg/kg (rat)	> 10000 mg/kg (rabbit)	No data

Skin/eye corrosion/irritation

Ingredient	EC No	CAS No.	Skin Irritation	Eye Irritation
Sodium Chloride	231-598-3	7647-14-5	Light irritant	Not irritating

Dust may irritate the eyes. Dust in the eyes: Exposed individuals may experience eye tearing, redness, and discomfort.

Respiratory or Skin Sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenity

No data available.

Reproductive toxicity

No data available.

Specific Target Organ Toxicity (Single Exposure)

No data available.

Specific Target Organ Toxicity (Repeated Exposure)

No data available.

Aspiration Hazard

No data available.

12- ECOLOGICAL INFORMATION

12.1- Toxicity

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

12.2- Persistence and degradability

No data available.

12.3- Bioaccumulative potential

No data available.

12.4- Mobility in soil

No data available.

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12.5- Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6- Other adverse effects

No data available.

13- DISPOSAL CONSIDERATIONS

13.1- Waste treatment methods

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

Product is not classified as dangerous in the meaning of transport regulations (ADR/RID, ADN, IMDG and ICAO/IATA).

14.1- UN number	Not regulated
14.2- UN proper shipping name	Not regulated
14.3- Transport hazard class(es)	Not regulated
14.4- Packing Group	Not regulated
14.5- Environmental hazard	Not regulated
14.6- Special precautions for user	None
14.7- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available
14.8- IATA	Not Restricted

15- REGULATORY INFORMATION

15.1- Safety, health and environmental regulations/legislations specific for the substance or mixture

- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Commission Directive 2000/39/EC.
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

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16- OTHER INFORMATION

List of abbreviations

ACGIH	American Conference of Industrial Hygienists
ADR	European Agreement Concerning the Int. Carriage of Dangerous Goods by Road
CLP	Regulation of Classification, Labelling and Packaging of Chemicals
IARC	The International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Code for Dangerous Goods
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Programme
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RID	International Rule for Transport of Dangerous Substances by Railway
STEL	Short Term Exposure Limit
TWA	Time Weighted Average

Other Information:

Date Prepared	January 10, 2014
Revision No	0
Revision Date	-
Organized by	Gultekin Baskoylu (License No: TSE GBF - 1813)

Training information

Follow training instructions when handling this material.

Disclaimer

The information contained within this Material 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. Koyuncu Nakliye Pazarlama ve Ticaret A.Ş. makes no warrant of any kind, express or implied, concerning the accuracy or completeness of the information and data within this SDS. Koyuncu Nakliye Pazarlama ve Ticaret A.Ş. will not be liable for claims relating to any parties 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.