



SAFETY DATA SHEET

Implementing Regulation on Safety Data Sheets of Hazardous Substances and Mixtures, published in the Official Gazette dated 13.12.2014 and numbered 29204

REFINED SODIUM CHLORIDE

Dok.Kod No	: MMF.154
Yayın Tarihi	: 01.04.2006
Revizyon No	: 01
Rev. Tarihi	: 01.09.2018
Sayfa No	: 1 / 8

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name Sodium Chloride
REACH No :
CAS No : 7647-14-5

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Industrial Use, especially water softening system

1.3. Details of the supplier of the safety data sheet

Company Name MED-MAR SAG.HIZ.GIDA INS.TUR.TUZ ISL.NAK
ELK.URT.SAN.TIC.A.S.
Address ANKARA KARAYOLU 3. KM ÇANKIRI
Telephone 0 376 212 85 65
mail info@salti.com.tr

1.4. Emergency telephone No 0 376 212 85 65

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification of the substance or mixture According to Regulation (EC) No 1272/2008 The product is not classified as dangerous.

2.2. Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

2.3. Other Hazards

None know

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Formula NaCl
EC No 231-598-3
Molar Mass 58,44 g/mol
Remarks No disclosure requirement according to Regulation (EC) No. 1907/2006

3.2 Mixture

Not applicable



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SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

After inhalation : fresh air.

In case of skin contact: : Take off immediately all contaminated clothing. Rinse skin with water/shower.

After eye contact: : rinse out with plenty of water. Remove contact lenses.

After swallowing: : make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

Nausea, Vomiting

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

No information available.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2. Special hazards arising from the substance or mixture

Not combustible.

Ambient fire may liberate hazardous vapours.

Fire may cause evolution of:

Hydrogen chloride gas

5.3. Advice for firefighters

Special protective equipment for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

5.4. Further information

Suppress (knock down) gases/vapours/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: Protective equipment see section 8.



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6.2. Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

6.4 Reference to other sections

Indications about waste treatment see section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling
Observe label precautions.

Hygiene measures

Change contaminated clothing. Wash hands after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions
Tightly closed. Dry. Recommended storage temperature see product label.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.2 Exposure controls

Engineering measures
Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

Individual protection measures

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye/face protection

Safety glasses

Hand protection

full contact:

Glove material: Nitrile rubber



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Glove thickness: 0,11 mm
Break through time: > 480 min

splash contact:

Glove material: Nitrile rubber
Glove thickness: 0,11 mm
Break through time: > 480 min

Respiratory protection

required when dusts are generated.

Environmental exposure controls

Do not let product enter drains.

Form	: Solid
Colour	: colourless
Odour	: colourless
Odour Threshold :	: Not applicable
pH	: 4,5 - 7,0 at 100 g/l 20 °C
Melting point :	: 801 °C
Boiling point/boiling range	: 1.461 °C at 1.013 hPa
Flash point	: Not applicable
Evaporation rate	: No information available.
Flammability (solid, gas)	: The product is not flammable.
Lower explosion limit	: No information available.
Upper explosion limit	: No information available.
Vapour pressure	: 1,3 hPa at 865 °C
Relative vapour density	: No information available.
Density	: 2,17 g/cm ³ at 20 °C



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Solid
Colour	: colourless
Odour	: colourless
Odour Threshold :	: Not applicable
pH	: 4,5 - 7,0 at 100 g/l 20 °C
Melting point :	: 801 °C
Boiling point/boiling range	: 1.461 °C at 1.013 hPa
Flash point	: Not applicable
Evaporation rate	: No information available.
Flammability (solid, gas)	: The product is not flammable.
Lower explosion limit	: No information available.
Upper explosion limit	: No information available.
Vapour pressure	: 1,3 hPa at 865 °C
Relative vapour density	: No information available.
Density	: 2,17 g/cm ³ at 20 °C
Relative density	: No information available.
Water solubility	: 358 g/l at 20 °C
Partition coefficient: noctanol/water	: No information available.
Auto-ignition temperature	: No information available.
Decomposition temperature	: No information available.
Viscosity, dynamic	: No information available.
Explosive properties	: Not classified as explosive.
Oxidizing properties	: none
Other data	
Ignition temperature	Not applicable
Bulk density	ca.1.140 kg/m ³



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SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

See section 10.3

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

10.3 Possibility of hazardous reactions

Risk of explosion/exothermic reaction with: Alkali metals

Exothermic reaction with: Lithium

10.4 Conditions to avoid

no information available

10.5 Incompatible materials

no information available

10.6 Hazardous decomposition products

in the event of fire: See section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity

LD50 Rat: 3.000 mg/kg

(RTECS)

Symptoms: Nausea, Vomiting

Acute inhalation toxicity

This information is not available.

Acute dermal toxicity

LD50 Rabbit: > 10.000 mg/kg

(RTECS)

Skin irritation

Rabbit

(ECHA)

No skin irritation

Eye irritation

Rabbit

(ECHA)

No eye irritation

Sensitisation

This information is not available.



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Germ cell mutagenicity

Genotoxicity in vitro

Mutagenicity (mammal cell test): micronucleus.

Result: negative

(IUCLID)

Ames test

Result: negative

(IUCLID)

Carcinogenicity

This information is not available.

Reproductive toxicity

This information is not available.

Teratogenicity

This information is not available.

Specific target organ toxicity - single exposure

This information is not available.

Specific target organ toxicity - repeated exposure

This information is not available.

Aspiration hazard

This information is not available.

11.2 Further information

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish

LC50 Pimephales promelas (fathead minnow): 7.650 mg/l; 96 h

(IUCLID)

Toxicity to daphnia and other aquatic invertebrates

EC50 Daphnia magna (Water flea): 1.000 mg/l; 48 h

(IUCLID)

12.2 Persistence and degradability

Biodegradability

The methods for determining the biological degradability are not applicable to inorganic substances.

12.3 Bioaccumulative potential

No information available.



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12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects

Additional ecological information

Discharge into the environment must be avoided.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. Treat uncleaned packaging as if it were the product itself ..

SECTION 14. TRANSPORT INFORMATION

Land transport (ADR/RID)

14.1 - 14.6

Not classified as dangerous in the meaning of transport regulations.

Inland waterway transport (ADN)

Not relevant

Air transport (IATA)

14.1 - 14.6

Not classified as dangerous in the meaning of transport regulations

Sea transport (IMDG)

14.1 - 14.6

Not classified as dangerous in the meaning of transport regulations

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15. REGULATORY INFORMATIONS

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

No information available.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out.

SECTION 16. OTHER INFORMATIONS

Training advice

Provide adequate information, instruction and training for operators.