

Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY / UNDERTAKING

1.1. Identification of the substance or preparation

Code:

Trade name **MARINE SALT**

1.2. Relevant identified uses of the substance / mixture and uses advised

Product type and use **Salt for softener , for dishwashing machine**

1.3. Details of the supplier's safety data sheet

Company UT EUROPE SRL

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e-mail address of the responsible person ,
responsible for the safety data sheet: info@uteurope.it

1.4. Emergency Phone Number

For urgent inquiries refer to Niguarda Hospital Milano, Poison Control Center 0039/0266101029

EE - Poisoning Information Centre 16662; when abroad: (+372) 794 3794

LV - Toksikoloģijas un sepses klīnikas Saindēšanās un zāļu informācijas centrs +371 67042473

LT - Aplinkos Apsaugos Agentūra +370 5 2662808

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The product is classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments). The product therefore requires a safety data sheet in compliance with the provisions of Regulation (EU) 2015/830.

Any additional information regarding risks to health and / or the environment are reported in the sec. 11 and 12 of this sheet

2.2 Label elements

Hazard pictograms: not applicable

Signal word: not applicable

Hazard note: not applicable

2.3. Other hazards.

Information not available.

3. Composition / information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

contains: Sodium Chloride > 99,9%

CAS-No.: 7647-14-5

EC-No: 231-598-3
Molar mass: 58.44 g/mol
Chemical formula: NaCl

4 First aid.

4.1. Description of first aid measures.

General: no special arrangements necessary

After inhalation: fresh air

After skin contact: wash off with water; in case of continuing pain turn to doctor

After eye contact: rinse out with plenty of water with the eyelid held wide open; case of continuing pain consult doctor

After swallowing: rinse mouth with water and make victim drink water; case of continuing pain consult

Doctor

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

No episodes of damage to health ascribable to the product.

4.3. Indication of any need for immediate medical attention and special treatment.

information not available.

5. Fire-fighting measures.

5.1. Extinguishing media.

CO₂, powder or water spray. Fight larger fires with water spray or resistant foam

5.2. Special hazards arising from the substance or mixture.

Hydrochloric acid (HCl) in the gaseous state.

Details hazards due to combustible, corrosive, toxic and combustion products.

Sodium compounds

5.3. Advice for firefighters to extinguish fires.

Protective equipment: Do not inhale gases in case of fire or combustion.

· Additional information Cool endangered containers with water spray from a protected location

6. Measures in case of accidental release.

6.1. Personal precautions, protective equipment and emergency procedures.

In the case of solid product avoid the formation of powder spraying the product with water if there are no contraindications. In the case of airborne dust or fumes respiratory protection. Stop leak if without risk. Do not handle damaged containers or the leaked product before donning appropriate protective gear. Remove unprotected persons. For information on risks for the environment and health, protection of the respiratory airways, ventilation and individual protective measures, refer to the other sections of this sheet. These guidelines apply to both clerks who work for emergency interventions.

6.2. Environmental precautions.

Prevent product from entering drains, surface water, ground water and neighboring areas.

6.3. Methods and materials for containment and cleaning.

In the case of liquid products, suck into a suitable container (made of material not incompatible with the product) and soak up the spillage with inert absorbent material (sand, vermiculite, diatomaceous earth, Kieselguhr, etc.). Collect as much of the remaining material with non-sparking equipment and deposit it in containers for disposal. In the case of solid spark proof mechanical tools to collect the leaked product and place in plastic containers. Eliminate the rest using jets of water if there are no contraindications. Ensure adequate ventilation of the area affected by the loss. Disposal of contaminated material must be carried out in accordance with the provisions of section 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

7. Handling and storage.

7.1. Precautions for safe handling.

Handle the product after consultation with all other sections of this MSDS. Do not eat, drink or smoke while handling.

7.2. Conditions for safe storage, including any incompatibilities.

Keep the product in containers clearly labeled. Store containers away from any incompatible materials, verifying section 10.

7.3. Specific end use.

Follow the directions on the label attached to the packaging of the product.

8. Exposure controls / personal protection.

8.1. Control parameters.

TLV not established.

· DNEL

Oral LD50 3000 mg / kg (rat)

Dermal LD50 10000 mg / kg (rabbit)

· PNEC:

LC50 1661 mg / L (Daphnia)

48 h

1294.6 mg / L (fishes)

96 h

NOEC 1500 mg / L (Daphnia)

7 d

PNEC 42000 mg / L (rat)

8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protection equipment, ensure good ventilation at the workplace through effective local aspiration or bad air vent. If these steps do not keep the concentration of the product below the exposure limits in the workplace, wear suitable protection for the respiratory tract. During the use of the `See product label for hazard for details. The personal protective equipment must comply with the regulations set out below.

HAND PROTECTION

No special precaution must be adopted for normal use.

EYE PROTECTION

Not needed for normal use. Anyway, operate according good working practices

SKIN PROTECTION

No special precaution must be adopted for normal use.

RESPIRATORY PROTECTION

Not needed for normal use.

In case of exceeding the threshold value (if available) of one or more of the substances present in the product, refer to `daily exposure in the workplace or to a fraction established by the company's prevention and protection, wear a filter type FFP2 .

The use of means of respiratory protection, such as masks of the type described above, it is necessary in the absence of technical measures to limit worker exposure. Protection provided by air purifying respirators is limited.

In the case where the substance in question is odorless or its olfactory threshold is higher than the relative exposure limit and in case of emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained open-circuit compressed air (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138)

9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Physical state	solid
Colour	white
Odor	characteristic
Odor threshold.	ND (not available).
pH.	6 - 8
Melting or freezing.	800°C.
Initial boiling point.	1413°C
Boiling range.	> NA (not available).
Flash point.	ND (not available).
Evaporation Rate	ND (not available).
Flammability of solids and gases (not available).	
Lower limit of flammability.	ND (not available).
Upper limit of flammability.	ND (not available).
Lower explosive limit.	ND (not available).
Upper explosive limit.	ND (not available).
Vapor pressure.	ND (not available).
Vapour density	ND (not available).
Specific weight.	ND (not available).
Solubility	soluble in water
Partition coefficient: n-octanol/water (not available).	
Ignition temperature.	ND (not available).
Decomposition temperature.	ND (not available).
Viscosity	(not available).
Reactive Properties	(not available)

9.2. Other information.

Information not available.

10. Stability And Reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

In normal conditions of use and storage of hazardous reactions are not predictable.

10.4. Conditions to avoid.

None in particular. However the usual precautions against chemicals.

10.5. Incompatible materials.

Information not available.

10.6. Hazardous decomposition products.

When heated or in the event of fire can release vapors potentially dangerous to health.

11. Toxicological information.

11.1. Information on toxicological effects.

Acute effects: Contact with eyes will cause irritation, symptoms may include: redness, swelling, pain, and tearing. Inhalation of vapors may cause mild irritation of the upper respiratory tract, the skin contact may cause slight irritation. Ingestion may cause health problems, including stomach pain and sting, nausea and vomiting.

SODIO CLORURO
LD50 (Oral). 3000 mg/kg Rat

12. Ecological information.

Use according to good working practices, avoiding littering. Inform the competent authorities, if the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.
Information not available.

12.2. Persistence and degradability.

The surface-active agents contained in this formulation are in compliance with the biodegradability criteria established by Regulation (EC) no. 648/2004 relative to detergents. All of the support data are kept available by the competent authorities of the member states and shall be supplied, upon their explicit request or upon the request of a manufacturer of the formulation, to the above-mentioned authorities.

12.3. Bioaccumulation potential.

Information not available.

12.4. Mobility in soil.

Information not available.

12.5. Results of PBT and vPvB.

PBT: no
VPvB Substances: None.

12.6. Other adverse effects.

no.

13. Disposal considerations.

13.1. Metodi di trattamento dei rifiuti.

13.1. Methods of waste treatment.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorized waste management, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Recover if possible.

To dispose of the product or containers, uncleaned / reclaimed ask to companies specifically authorize d waste management (recycling or disposal of hazardous waste).

Containers cleaned / cleared must be disposed of / recovered as special waste.

Do not discharge the product into surface water or groundwater.

Where applicable, refer to the following regulatory provisions: 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent adjustment.

14. Transport information.

The product is not considered dangerous under current provisions governing the transport of dangerous goods by road (ADR) and by Rail (RID), by sea (IMDG Code) and by air (IATA).

15. Regulatory information.

15.1. Standards and legislation, health and safety legislation specific for the substance or mixture.

Seveso category. None

Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006.

No.

Substances in Candidate List (Art. 59 REACH).

No.

Substances subject to authorization (Annex XIV REACH).

No.

Healthcare controls.

Workers exposed to this chemical agent must undergo health checks for the health surveillance carried out in accordance with the provisions of art. 41 of Legislative Decree no. 81 of 9 April 2008 unless the risk to the safety and health of the worker is irrelevant been assessed, in accordance with art. 224 paragraph 2.

15.2. Chemical safety assessment.

Has not been processed a chemical safety assessment for the mixture and the substances it contains.

16. Other informations

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 of the European Parliament (REACH)
4. Regulation (EC) 1272/2008 of the European Parliament (CLP)
5. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. Ed 10
8. Handling Chemical Safety
9. NIOSH - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
13. Agency ECHA website

Note for the user:

The information contained in this data sheet is based on the knowledge available to us on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

It should not be construed as a guarantee on any specific product property.

The use of this product is not subject to our direct control, users must, under their own responsibility, laws and regulations relating to health and safety.

We accept no responsibility for improper use.