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DISHWASHER SALT	

Molecular formula: NaCl
Molecular mass: 58.44g

Additives: Sodium decahydrate hexacyanoferrate
(if the product is treated with an anti-caking agent)

Known hazardous ingredients: None.

SECTION 4 First aid

4.1. First aid description

- **Inhalation** In case of dust inhalation, take the victim out into fresh air and lay them down. Call for medical assistance in case of respiratory difficulties.
- **Contact with skin** Wash in lots of water.
Ask for medical assistance in case of irritation.
- **Contact with the eyes** Rinse immediately with lots of water.
Consult an ophthalmologist if irritation occurs
- **Ingestion** If the person is conscious, give him or her a glass of water. Do not attempt to induce vomiting without prior instruction.
Consult medical assistance in the event of major ingestion.

4.2. Principal symptoms and effects, acute and long-lasting

No information/data available

4.3. Indication of potential immediate medical help and specific treatment necessary

No information/data available.

SECTION 5 Fire prevention measures

5.1. Extinguishing a fire

- **Appropriate extinguishing agents** All extinguishing agents are suitable in case of fire in proximity to the product.

5.2. Specific dangers resulting from the substance or mixture

SECTION 5 Fire prevention measures (continued)

Dangerously combustible products Exposed to high temperatures and in large quantities, the product may release dangerous decomposition products such as carbon monoxide and dioxide.

5.3. Advice to firefighters

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Special protective equipment for firefighters Wear breathing apparatus appropriate to the premises and to the risks associated with nearby products.

SECTION 6 Measures to be taken in case of accidental dispersion

6.1 Individual precautions, protective equipment and emergency procedures

Individual precautions Avoid contact with the eyes
Personal protection: see section 8.

6.2. Environmental protection precautions

Environmental precautions Do not dispose of in natural waterways, drains or onto the ground.

6.3. Confinement and cleaning methods and material

Cleaning methods Recuperate the spilt product and place in an appropriate container.
Rinse abundantly with water.

6.4. Reference to other sections

None necessary

SECTION 7 Handling and storage

7.1. Precautions to take for safe handling

Handling Personal protection: see section 8
Avoid contact with the eyes.
Under no circumstances eat, drink or smoke in the workplace.

7.2. Necessary conditions for safe storage, taking into account potential incompatibilities

Storage Store this product in a cool, dry place

It is recommended to use salt-resistant materials for machines, installations and constructions.

7.3. Specific final uses

No information/data available

SECTION 8 Exposure control/personal protection

8.1. Control parameters

Professional exposure limits The mixture does not contain any ingredient with a known exposure limit (France).

8.2. Exposure control

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Personal protection

- **Respiratory protection** Wear a breathing apparatus while working in the presence of a high level of airborne NaCl particles.
Anti-aerosol/dust filters type P1 (in compliance with the standard EN 143).
- **Hand protection** Neoprene or nitrile type gloves, in compliance with the standard EN 374).
In case of repeated or prolonged skin contact, it is advisable to wear gloves.
- **Eye protection** Eye protection is recommended in case of excessive dust generation.
Safety goggles (in compliance with the standard EN 166).
- Industrial hygiene** Wash your hands after working with the product.

SECTION 9 Physical and chemical properties

9.1. Essential physical and chemical property information

- Physical state at 20°C** : Crystalline powder.
Agglomerated or non-agglomerated crystals in granules or tablets
- Color** : White.
- Odor** : Odorless.
- pH** : In an aqueous solution at 100g/l: 6.7-9.0.
- Fusion point [°C]** : 801.
- Boiling point [°C]** : Not applicable.
- Flash point [°C] (see)** : Not applicable.
- Rate of evaporation** : Not applicable.
- Inflammability (solid, gas)** : Not combustible.
- Explosivity limit** : Not applicable.
- Vapor pressure [20°C]** : Not applicable.
- Relative vapor density (air=1)** : Not applicable.
- Density** : In a saturated solution at 20°C: 1.2.
- Water solubility** : 35.85g % g water.
- Log P (octanol/water) at 20°C** : Not applicable.
- Self-combustion temperature [°C]** : No data available.

SECTION 9 Physical and chemical properties (continued)

- Decomposition point [°C]** : No data available.
- Viscosity** : Not applicable.
- Explosivity** : Non-explosive.
- Combustive properties** : Not combustible.

9.2. Other information

Relative humidity at equilibrium at 20°C: 75.3%.

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SECTION 10 Stability and reactivity

10.1 Reactivity

No information/data available.

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of dangerous reactions

Not subject to dangerous reactions.

10.4. Conditions to avoid

See section 7.

10.5. Incompatible materials

Oxidizing agents, strong acids, strong bases.

10.6. Dangerous decomposition products

In case of fire: see section 5.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No known toxicity, LD50: 3.75g/kg (oral, rat).
Chronic toxicity	The components are not included in the list of carcinogenic, mutagenic or teratogenic substances classified by the EU. No potential long term health effect is to be considered.

SECTION 11 Toxicological information (continued)

Information on the probable means of exposure	
- Inhalation	In large quantities, the dust can cause irritation to the respiratory passages due to the sodium chloride.
- Contact with the eyes	Possible slight irritation upon prolonged contact due to the sodium chloride.
- Contact with the skin	Possible slight irritation upon prolonged contact due to the sodium chloride.

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- Ingestion No risk for normal use.

SECTION 12 Ecological information

12.1. Toxicity

About the product Do not dispose of in natural waterways, drains or onto the ground.

Ecotoxic effects Toxicity regarding:
 - Water fleas: C.L. 50-24h: 4.800mg/l
 - Fish – Zebra-fish: C.L. 50-24h: 9.000mg/l

12.2 Persistence and degradability

No information/data available.

Biodegradability No data available

12.3. Bioaccumulation potential

Not bioaccumulable.

12.4. Soil mobility

Has an influence on the surface of plants (metabolic disturbance) and on the soil (mineral imbalance).

12.5. PBT and VPVB evaluation results

No information/data available.

12.6 Other harmful effects

No information/data available.

SECTION 13 Considerations concerning disposal

13.1. Waste treatment methods

SECTION 13 Considerations concerning disposal (continued)

General points Destroy in compliance with local/national safety regulations in force.

Product waste disposal In France, if the salted waste contains a water-soluble fraction greater than 20%, it must be sent to an approved treatment center for stabilization before being disposed of (class 1 landfill site). Outside of France, see the relevant

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legislation for each country. It must be disposed of in compliance with local laws in effect.

SECTION 14 Information relating to transport

General information

The product is not subject to transport restrictions: - By road RID/ADR – By sea OMI/IMDG – By air OACI/IATA

14.1. UN number

Not classed in transport of Dangerous Merchandise.

14.2. UN expedition name

Not classed in transport of Dangerous Merchandise.

14.3. Transport danger classification

Not classed in transport of Dangerous Merchandise.

14.4. Packaging group

Not classed in transport of Dangerous Merchandise.

14.5. Environmental dangers

- Marine-IMDG pollutant No.

14.6. Specific precautions to be taken by the user

No specific precautions (product not transport classified).

14.7. Loose transport complying with annex II of the MARPOL convention 73/78 and IBC collection

Not concerned.

SECTION 15 Regulatory information

15.1. Substance and/or mixture-specific regulations relating to health, safety and the environment

Ensure that all national and local regulations are adhered to.

SECTION 15 Regulatory information (continued)

15.2. Chemical safety evaluation

No information/data available.

SECTION 16 Other information

Revision

This SDS has been revised according to the new format from the regulation 453/2010

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Source of the data used

This safety data sheet has been compiled on the basis of information supplied by the manufacturer.

The contents of this Safety Data Sheet are in compliance with the EC regulation 1907/2006 and the EC regulation 453/2010.

DISCLAIMER

This sheet completes the user technical specifications but does not replace it. The information given above is based on the current state of our knowledge and experience relating to the product concerned at the time of the update. It has been given in good faith. Users should be warned of other potential risks arising from uses of the product other than those for which it was designed. This sheet does not in any way excuse the user from understanding and applying any and all texts regulating his or her actions.

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