

**Safety data sheet**  
**According to Regulation (EC) NR. 1907/2006**  
**Revision 4 – 14/04/2015      Replaces 01/01/2013**

**DISHWASHER SALT**

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

**1.1 Product identifier:**

PRODUCT FORM: white hygroscopic crystals, powder, or in solid form (pastilles or tablets)  
 PRODUCT NAME: sodium chloride (NaCl) / salt  
 PRODUCT GROUP: -

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

Relevant uses: nutrition, agriculture, cosmetics, animal feed, water softening, combatting slipperiness, snow removal, several technical and industrial applications  
 Operation: flavouring, regeneration, conservation, processing agent, melting of ice and snow  
 Uses advised against: no additional information is available

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

ZOUTMAN NV  
 Delaerestraat 41  
 0 B-8800 ROESELARE (BELGIUM)  
 Phone: +32 51 26 87 26  
 Fax: +32 51 24 73 73  
 info@zoutman.com

**Distributor:** Zoutman

**1.4 Emergency telephone number:**

ORGANISATION / COMPANY: Centre Anti-Poisons / Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid  
 ADDRESS: Rue Bruyn 1 • B-1120 Bruxelles / Brussel  
 EMERGENCY NUMBER: +32 70 245 245

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture:**

**CLASSIFICATION IN ACCORDANCE WITH REGULATION (EC) NR 1272/2008 [CLP]:**

Not classified - this substance is not classified as being dangerous according to Directive 67/548/EEG **ADVERSE**

**PHYSICOCHEMICAL, HEALTH AND ENVIRONMENTAL EFFECTS:**

no additional information is available

**2.2 Labelling elements:**

**LABELLING IN ACCORDANCE WITH REGULATION (EC) NR 1272/2008 [CLP]:** Labelling not applicable

**2.3 Other hazards:**

No additional information is available

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance:**
- NAME:** sodium chloride (NaCl)
- CAS N°:** 7647-14-5
- EINECS N°:** 231-598-3
- REACH REGISTRATION N°:** all ZOUTMAN products consist of sodium chloride, a natural mineral - products exempt from the obligation to register under REACH
- 0 TO 200 PPM:** sodium ferrocyanide (= E535) as anti-caking agent depending on the specific usage application
- 3.2 Mixture:**
- This mixture does not contain any substances that should be mentioned in accordance with Annex II, section 3.2

### SECTION 4: FIRST AID MEASURES

- 4.1 Description of first aid measures:**
- FIRST AID GENERAL:** never administer anything by mouth to an unconscious person • consult a doctor if you feel unwell (show him the label if possible)
- FIRST AID AFTER INHALATION:** make sure there is fresh air • consult a doctor if necessary
- FIRST AID AFTER SKIN CONTACT:** rinse with plenty of water • consult a doctor if necessary
- FIRST AID AFTER CONTACT WITH EYES:** first rinse with water (remove contact lenses, if it's easy to do), then consult a doctor
- FIRST AID AFTER INGESTION:** in case of ingestion of larger amounts; consult a doctor if you feel unwell
- 4.2 Most important symptoms and effects, both acute and delayed:**
- SYMPTOMS / LESIONS:** is not deemed a serious risk under normal conditions of use
- 4.3 Indication of any immediate medical attention and special treatment needed:**
- No additional information is available

### SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing media:**
- SUITABLE EXTINGUISHING MEANS:** Foam, dry powder, carbon dioxide, water mist, sand
- UNSUITABLE EXTINGUISHING MEANS:** Do not use a strong jet of water
- 5.2 Special hazards arising from the substance or mixture:**
- Product can secrete toxic fumes under fire conditions • hydrogen chloride gas, sodium oxides
- 5.3 Advice for firefighters:**
- Extinguishing instructions:** Cool down the exposed vats by spraying with water or by using water mist. Be extremely careful when fighting a chemical fire. Avoid that (used) fire extinguishing water ends up in the environment
- Protection during fire-fighting:** Do not enter the fire zone without proper protective equipment, including respiratory protection

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:**
- 6.1.1. For persons other than the emergency services**  
**EMERGENCY PROCEDURES:** Evacuate unnecessary personnel
- 6.1.2. For the emergency services**  
**PROTECTIVE EQUIPMENT:** Avoid dust formation. Avoid inhaling vapours / mist / gas. For personal protection see section 8.  
 Equip cleaning staff with adapted protection  
**EMERGENCY PROCEDURES:** Ventilate the area
- 6.2 Environmental precautions:**  
 Do not allow to flow into sewers or public water works • notify the appropriate authorities if the liquid enters the sewers or open water works
- 6.3 Methods and material for containment and cleaning up:**  
**CLEANING METHODS:** Wipe spilled product or scoop it up and place it in sealable corrosion-resistant waste containers. Limit the formation of dust. Store separate from other material.
- 6.4 Reference to other sections:**  
 See section 8: EXPOSURE LIMITES AND PERSONAL PROTECTION  
 See section 13: INSTRUCTIONS FOR REMOVAL

### SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling:**  
 Wash hands and other exposed parts with a mild soap and water before eating, drinking, smoking or leaving work. Ensure that there is a good ventilation in the process area to prevent the formation or vapours
- 7.2 Conditions for safe storage, including any incompatibilities:**  
**STORAGE CONDITIONS:** Keep the vats closed if they are not used. Store only in the original packaging in a cool, well-ventilated place. Warehouses and silos must comply with the local regulations.  
**SPECIFIC MEASURES:** Not suitable packaging material: steel and tin
- 7.3 Specific end use(s):**  
 No Additional information is available

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**8.1 Control parameters:**

No additional information is available

**8.2. Measures to control exposure**

<b>PERSONAL PROTECTIVE EQUIPMENT</b>	apply general industrial hygiene
<b>HANDS PROTECTION:</b>	Not required
<b>EYE PROTECTION:</b>	Wear goggles at dust formation
<b>RESPIRATORY PROTECTION:</b>	Wear filter mask with filter type P2 at dust formation. Ensure a well-ventilated area
<b>OTHER INFORMATION:</b>	Do not eat, drink or smoke during use. Brush off contaminated clothing

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties:**

**Appearance:**

Physical state: Solid

**Colour:** White

**Odour:** Odourless

**Smell limit:** no details available

**pH:** 5-8 (at 50 g/l H<sub>2</sub>O / 20 °C)

**Relative evaporation rate (butyl acetate =1):** no details available

**Melting point:** 801 °C

**Solidify – Freezing point:** no details available

**Boiling point:** 1413 °C

**Flash point** no details available

**Spontaneous ignition temperature:** no details available

**Decomposition temperature:** no details available

**Flammability (solid, gas):** non-flammable

**Vapour pressure:** no details available

**Relative vapour density at 20 °C:** no details available

**Relative density:** no details available

**Solubility:** 360 g/l (20 °C)

**Log pow:** no details available

**Viscosity, kinematic:** no details available

**Viscosity, dynamic:** no details available

**Explosive properties:** no details available

**Oxidising properties:** no details available

**Explosion limits:** no details available

**9.2 Other information:**

No additional information is available

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### SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:**  
No details available
- 10.2. Chemical stability:**  
Stable under the recommended storage conditions
- 10.3. Possibility of hazardous reactions:**  
No details available
- 10.4. Conditions to avoid:**  
Extensive exposure to atmospheric moisture can cause lumping
- 10.5. Chemical Interacting materials:**  
Avoid substances, such as strong acids and oxidizing agents. Corrode metals
- 10.6. Hazardous decomposition products:**  
**Contact with strong acids:** hydrochloric acid HCl  
**Contact with oxidising agents:** chlorine gas Cl<sub>2</sub>

### SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects:**  
**ACUTE TOXICITY:** LD 50 acute (rat, oral): 3.000 mg/kg  
**SKIN CORROSION / IRRITATION:** slightly irritating  
**SERIOUS EYES DAMAGE / EYE IRRITATION:** slightly irritating  
**RESPIRATORY SENSITISATION / THE SKIN:** slightly irritating  
**GERM CELL MUTAGENICITY:** not classified. Based on the available information the product does not meet the classification criteria  
**CARCINOGENICITY:** not classified. Based on the available information the product does not meet the classification criteria  
**REPRODUCTIVE TOXICITY:** not classified. Based on the available information the product does not meet the classification criteria  
**SPECIFIC TARGET ORGAN TOXICITY (single exposure):** not classified. Based on the available information the product does not meet the classification criteria  
**SPECIFIC TARGET ORGAN TOXICITY (repeated exposure):** not classified. Based on the available information the product does not meet the classification criteria  
**ASPIRATION DANGER:** slightly irritating  
**POTENTIAL ADVERSE EFFECTS ON HUMAN HEALTH AND POSSIBLE SYMPTOMS:** it does not meet with the classification criteria based on the available information

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### SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity:** no additional information is available
- 12.2. Persistence and degradability:** the product is biodegradable
- 12.3. Bio accumulative potential:** not been determined
- 12.4. Mobility in soil:** no additional information is available
- 12.5. Results of PBT and vPvB assessment:** no additional information is available
- 12.6. Other adverse effects:** no additional information is available

### SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods:**  
**Recommendations for waste disposal:** clean up safely in accordance with the local/national requirements  
**Ecology – residual waste:** avoid release into the environment

### SECTION 14: TRANSPORT INFORMATION

In accordance with the requirements of ADR / RID / IMDG / IATA / AND

- 14.1. UN number:** not classified as dangerous according to the transport legislation
- 14.2. Correct shipping name in accordance with the UN model regulations:**  
**ADR/RID:** not dangerous goods  
**IMDG:** not dangerous goods  
**IATA:** not dangerous goods
- 14.3. Transport danger category(ies):** not applicable
- 14.4. Packing group:** not applicable
- 14.5. Environmental hazards:**  
**Dangerous for the environment:** no  
**Marine pollution:** no  
**Other information:** no additional information is available
- 14.6. Special precautions for user:**  
**14.6.1. Land transport:** no additional information is available  
**14.6.2. Transport on open sea:** no additional information is available  
**14.6.3. Air transport:** no additional information is available  
**14.6.4. Transport on inland waterways:** no additional information is available
- 14.7. Transport in bulk in accordance with annex II at Marpol 73/78 and IBC-Code:** not applicable

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### SECTION 15: REGULATORY INFORMATION

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

**15.1.1. EU regulations:** no restrictions in accordance with annex XVII of REACH. Does not contain any REACH candidate substance  
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**15.1.2. National regulations:** no additional information is available

**15.2. Chemical safety test assessment:** no chemical safety assessment performed

### SECTION 16: OTHER INFORMATION

**Data sources:** REGULATION (EC) Nr. 1272/2008 OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of 16 December 2008 regarding the classification, labelling and packaging of substances and mixtures for the amending and repealing of Directives 67/548/EEC and 1999/45/EC and amending of Regulation (EC) nr. 1907/2006

**Other information:** none

*SDS EU (REACH annex II)*

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental aspects. It should therefore not be construed as a guarantee for any specific property of the product

END OF SAFETY DATA SHEET

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