

MY HERO
DISHWASHER SALT



SAFETY DATA SHEET

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

1.1. Product identifier: My Hero DISHWASHER SALT

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

1.3. Details of the supplier of the safety data sheet: HAPPY SH.P.K – 810079691

Magj. Prishtine-Ferizaj km 10te
14000 Lipjan / Kosovo
+38349406060
email: info@happy.com.al, faik.hoti@almgroup-ks.com

1.3. Emergency telephone number: [+38349151518](tel:+38349151518)

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture:

This product is defined as mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Not classified

2.2. Label elements:

Hazard pictograms: No

Signal word: No signal word

Hazard statements: No known significant effects or critical hazards

2.3. Other hazards: None known

2.4. Classification criteria as PBT or vPvB: None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Comment:

Sodium Chloride (about 40% Sodium and 60% Chlorine in pure form)
Mono-constituent

Ingredient name	%	Product identifier
Sodium Chloride	100	CAS-No.: 7647-14-5 EC-No.: 231-598-3

3.2. Mixtures: Not Applicable

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:



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First-aid measures general

First-aid measures after inhalation

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

- : In all cases of doubt, or when symptoms persist, seek medical attention.
- : Remove person to fresh air and keep comfortable for breathing. Get medical attention for any breathing difficulty.
- : May irritate damaged skin. Wash skin with plenty of water.
- : Immediately flush eyes with plenty of water, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists. Rinse eyes with water as a precaution.
- : Never give anything by mouth to an unconscious person. Do not induce vomiting. If large amounts were swallowed, give water to drink and get medical advice. Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Notes to physician: Treat symptomatically.

Specific treatment: No specific treatment

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

Product is not flammable but in case of surrounding fire:

Suitable extinguishing media

- : Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable extinguishing media

- : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture:

Reactivity in case of fire

- : At high temperature may liberate dangerous gases.

Hazardous decomposition product in case of fire

- : On heating or during combustion : Toxic fumes may be released.

**5.3. Advice for firefighters:
Precautionary measures fire**

- : Keep away from combustible materials. Keep container closed when not in use. Approach from upwind.
- : Exercise caution when fighting any chemical fire. Keep upwind. Do not enter fire area without proper protective equipment, including respiratory protection. Eliminate all ignition sources if safe to do so. Contain the extinguishing fluids by bunding.



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Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses. Notify authorities if product enters sewers or public waters.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. **Personal precautions, protective equipment and emergency procedures:**
Keep public away from danger area. Avoid dust formation.

6.1.1. **For non-emergency personnel**

Protective equipment:

For further information refer to section 8: "Exposure controls/personal protection"

Emergency procedures:

Ventilate spillage area

6.1.2. **For emergency personnel**

Protective equipment:

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures:

Equip cleanup crew with proper protection. Evacuate unnecessary personnel

6.2. **Environmental precautions**

Do not let product enter drains.

6.3 **Methods and material for containment and cleaning up**

Methods for cleaning up

Mechanically recover the product. Take up liquid spill into absorbent material. Sweep up and shovel. Keep in suitable, closed and properly labelled containers for disposal.

Other information:

Dispose of materials or solid residues at an authorized site.

SECTION 7: HANDLING AND STORAGE

7.1. **Precautions for safe handling:**

No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation.

7.2. **Conditions for safe storage, including any incompatibilities:**



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Store in a well-ventilated place. Keep cool. Keep container closed in a dry place

Incompatible products:

Strong acids. Strong bases. Strong oxidizing agents.

Incompatible materials:

Extremely high or low temperatures.

7.3. Specific end use(s):

No specific data

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1. Control parameters:

8.1.1. National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures:

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Sodium Chloride (7647-14-5)	
DNEL/DMEL (Workers)	
Acute - systemic effects, dermal	295.52 mg/kg bodyweight/day
Acute - systemic effects, inhalation	2068.62 mg/m ³
Long-term - systemic effects, dermal	295.52 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	2068.62 mg/m ³
DNEL/DMEL (General population)	
Acute - systemic effects, dermal	126.65 mg/kg bodyweight/day
Acute - systemic effects, inhalation	443.28 mg/m ³
Acute - systemic effects, oral	126.65 mg/kg bodyweight/day



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Long-term - systemic effects, oral	126.65 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	443.28 mg/m ³
Long-term - systemic effects, dermal	126.65 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	5 mg/l
PNEC aqua (intermittent, freshwater)	19
PNEC (Soil)	
PNEC soil	4.86 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	500 mg/l

8.2 Exposure controls:

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear respiratory protection. Wear protective gloves.

Safety glasses.

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Not required for normal conditions of use

8.2.2.1. Skin protection

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Hand protection:

Does not require any particular or specific measures. Respect the general rules for occupational hygiene



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Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Physical state	: Solid
Colour	: white, clear colorless water solution.
Appearance	: Crystalline.
Odour	: odourless.
Odour threshold	: Not available
Melting point	: 801 °C Atm. press.: 1 atm
Freezing point	: Not applicable
Boiling point	: Not available
Flammability	: Non flammable.
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: 7.5 – 8
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: Water: 317 g/l (20 °C)
Partition coefficient n-octanol/water (Log K _{ow})	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 2.16 Type: 'relative density' Temp.: 25 °C
Relative vapour density at 20 °C	: Not applicable
Particle size	: Not available

9.1. Other information:

No additional information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability:



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The product is stable under normal conditions of storage and use

10.3. Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur

10.4. Conditions to avoid:

Strong oxidizing agents.

10.5. Incompatible materials:

Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products:

Sodium/sodium oxides. Hydrogen chloride gas.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral) met)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) met)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) met)	: Not classified (Based on available data, the classification criteria are not met)

Acute toxicity

Sodium Chloride (7647-14-5)

LD50 dermal rabbit	> 10000 mg/kg bodyweight Animal: rabbit
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Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7.5 – 8
Serious eye damage/irritation met)	: Not classified (Based on available data, the classification criteria are not met)
pH	: 7.5 – 8
Respiratory or skin sensitisation criteria are not met) Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity met)	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity met)	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure met)	: Not classified (Based on available data, the classification criteria are not met)



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STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:

Ecology – general:

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term(acute):

Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term(chronic):

Not classified (Based on available data, the classification criteria are not met)

Sodium Chloride (7647-14-5)

LC50 - Fish [1]	5840 mg/l Test organisms (species): Lepomis macrochirus
LOEC (chronic)	441 mg/l Test organisms (species): Daphnia pulex Duration: '21 d'
NOEC (chronic)	314 mg/l Test organisms (species): Daphnia pulex Duration: '21 d'

12.2. Persistence and degradability: Not available

12.3. Bioaccumulative potential: Not available

12.4. Mobility in soil: Not available

12.5. Results of PBT and vPvB assessment: Not available

12.6. Other adverse effects: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Do not dispose of waste into sewer.

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / ADN / RID



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ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Annex XVII (Restriction List)

No REACH Annex XVII restrictions

REACH Annex XIV (Authorisation List)

Sodium Chloride is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

Sodium Chloride is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Sodium Chloride is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Sodium Chloride is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Sodium Chloride is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.



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Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms:	
COD	Chemical oxygen demand (COD)
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
CAS	Chemical Abstracts Service (division of the American Chemical Society)
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
CAS-No.	Chemical Abstract Service number
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
IOELV	Indicative Occupational Exposure Limit Value
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
N.O.S.	Not Otherwise Specified
NOAEC	No-Observed Adverse Effect Concentration





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NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
Pow (log)	n-octanol/water partition coefficient
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TRGS	Technical Rules for Hazardous Substances
VOC	Volatile Organic Compounds
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Data sources

: Classification according to Regulation (EC) No. 1272/2008 [CLP]. ECHA (European Chemicals Agency). Supplier's safety documents.

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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