

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006



Revision number	
Revision date	24 th May 2021
Supersedes date	
SDS number	SDS5015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product name

Salt Binder

Product Code(s)

P541A

Other Details

Granular. Pure Dried Vacuum and Undried Vacuum. Hydrosoft™ Granular and hydrosoft™ Tablets. Microfine.

Alternative names;
Sodium Chloride, Common Salt, Evaporated Salt.

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

Uses advised against

No further information

1.3 Details of the supplier of the safety data sheet

Supplier

Specialist Crafts Ltd
Hamilton House
Mountain Road
Leicester
LE4 9HQ
United Kingdom

Email purchasing@specialistcrafts.com
Telephone +44 (0)116 269 7711

1.4 Emergency telephone number

Emergency telephone

+44 (0)116 269 7711
This telephone number is available during office hours only, 09:00 to 17:00 GMT, Monday to Friday, excluding UK bank holidays and weekends.
Language English

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification

Not classified according to Regulation (EC) No. 1272/2008 (CLP).

Physical Hazards

Unlikely to cause harmful effects under normal conditions of handling and use.

Health Hazards

Unlikely to cause harmful effects under normal conditions of handling and use.

Environmental Hazards

Unlikely to cause harmful effects under normal conditions of handling and use.

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2.2 Label Elements

Hazard Statements

No further information.

Signal Word

No further information.

EU Specific Hazard Statements

No further information.

Precautionary Statements

No further information.

Other information

No further information.

2.3 Other Hazards

Other Hazards

No further information.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substances

Contains no hazardous ingredients in accordance with EC Regulation 1907/2006.

3.2 Mixtures

Mixtures

See below

Chemical name	% w/w	CAS No.	EC No.	Index No.	Classification (Regulation (EC) No. 1272/2008 (CLP))	Classification (Directive 67/548/EEC)
Sodium Chloride, Common Salt, Evaporated Salt.		007647-14-5	231-598-3			

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Advice

Symptomatic treatment and supportive therapy as indicated.

Inhalation

Remove patient from exposure.

Skin Contact

Wash skin with water.

Eye Contact

Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
If symptoms develop, obtain medical attention.

Ingestion

Wash out mouth with water and give 200-300ml (half a pint) of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

General Advice

No further information.

Symptoms

No further information.

Effects

No further information.

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4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

No further information.

Specific Treatments

No further information.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media

As appropriate for surrounding materials/equipment.

Unsuitable Extinguishing Media

No further information.

5.2 Specific Hazards arising from the substance or mixture

Specific Hazards arising from the chemical

No further information.

Hazardous combustion products

No further information.

5.3 Advice for fire fighters

Protective actions during firefighting

No special requirements.

Special protective equipment for fire fighters

No special requirements.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

No further information.

Other information

No further information.

For emergency responders

No further information.

6.2 Environmental precautions

Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Methods of containment

Clear up spillages. Transfer to a container for disposal. Wash the spillage area with water.

Methods of cleaning up

As above.

6.4 Reference to other sections

Reference to other sections

No further information.

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SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling

Avoid prolonged skin contact. Atmospheric levels should be controlled in compliance with the occupational exposure limit. Keep away from strong acids and common metals. Static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially where a spark could prove hazardous.

General hygiene considerations

No further information.

7.2 Conditions for safe storage, including and incompatibilities

Storage conditions

Keep container dry. Keep away from strong acids.

Storage Class

No further information

7.3 Specific End Use(s)

Risk management methods

No further information.

Other information

No further information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

Workplace exposure limits (UK HSE EH40)
Long Term Exposure Limit (8hr time weighted average)

Total Inhalable Dust: 10mg/m³

Respirable Dust: 4mg/m³

8.2 Exposure controls

Protective equipment

Wear suitable protective clothing and sys/face protection.

Appropriate engineering controls

No further information.

Eye/Face Protection

An approved dust mask should be worn if exposure to high levels of material are likely.

Hand protection

No further information.

Respiratory Protection

No further information.

Environmental Exposure Controls

No further information.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Crystals
Odour	Odourless
Odour threshold	No further information.
pH	No further information.
Melting/freezing point	802°C
Initial boiling point and boiling range	1413°C
Flash point	No further information.
Evaporation rate	No further information.
Flammability (solid; gas)	No further information.
Upper/lower flammability or explosive limits	No further information.
Vapour pressure	No further information.
Vapour density	No further information.
Relative density	Up to 2.165 at 20°C
Solubility(ies)	Freely soluble
Partition coefficient	No further information.
Auto-ignition temperature	No further information.
Decomposition temperature	No further information.
Viscosity	No further information.
Explosive properties	No further information.
Oxidising properties	No further information.

9.2 Other information

Other information	Bulk density; 1.2 to 1.5 approximately (except tablets) Granular grade: rounded crystals 1-3mm in size. Pure Dried Vacuum grade: free running cubic crystals mostly 0.2-0.6mm in size. Tablets: 24x24x13mm
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SECTION 10: Exposure controls/personal protection

10.1 Stability and Reactivity

Stability and reactivity	No further information.
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10.2 Chemical Stability

Chemical Stability	No further information.
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10.3 Possibility of hazardous reactions

Possibility of hazardous reactions	Reaction with concentrated acid will produce hydrogen chloride.
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10.4	Conditions to avoid Conditions to avoid	Under wet conditions, will corrode many common metals, particularly iron, aluminium and zinc.
10.5	Incompatible materials Incompatible materials	As above.
10.6	Hazardous decomposition products Hazardous decomposition products	No further information.

SECTION 11: Toxicological information

11.1	Information on toxicological effects	
	Acute toxicity	No further information.
	Skin corrosion/irritation	No further information.
	Serious eye damage/irritation	No further information.
	Skin sensitisation	No further information.
	Respiratory sensitisation	No further information.
	Germ cell mutagenicity	No further information.
	Carcinogenicity	No further information.
	Reproductive toxicity	No further information.
	Aspiration hazard	No further information.
	Specific Target Organ Toxicity (Single and Repeated Exposure)	
	STOT - single exposure	No further information.
	STOT - repeated exposure	Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.
	Information on likely routes of exposure	
	Inhalation	High concentrations of dust may be irritant to the respiratory tract.
	Skin contact	Repeated or prolonged contact may result in dryness leading to mild irritation.
	Eye contact	Dust may cause irritation.
	Ingestion	May cause vomiting and diarrhoea. The swallowing of small amounts is unlikely to cause any adverse effects.
	Symptoms related to the physical, chemical and toxicological characteristics	
	Symptoms related to the physical, chemical and toxicological characteristics	No further information.

SECTION 12: Ecological information

12.1	Toxicity Toxicity	Low toxicity to aquatic organisms. High tonnage material used in open systems. Solid with low volatility. The product is soluble in water.
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12.2	Persistence and degradability Persistence and degradability	No data.
12.3	Bioaccumulative potential Bioaccumulative potential	The product has no potential for bioaccumulation.
12.4	Mobility in soil Mobility in soil	The product is predicted to have high mobility in soil.
12.5	Results of PBT and vPvB assessment Results of PBT and vPvB assessment	No further information.
12.6	Other adverse effects Other adverse effects	No further information.

SECTION 13: Disposal Conditions

13.1	General Information General Information	Disposal should be in accordance with local, state or national legislation.
13.2	Disposal Methods Disposal Methods	See 13.1
13.3	Waste Class Waste Class	No further information

SECTION 14: Transport Information

General Information

Generally for limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

Road transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Sea transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Air transport notes refer to the Dangerous Goods List for information on any Special Provisions A46.

14.1	UN Number UN No. (ADR/RID)	Not Classified as Dangerous for Transport.
	UN No. (IMDG)	
	UN No. (ICAO)	
	UN No. (ADN)	

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14.2	UN proper shipping name UN Proper shipping name (ADR/RID) UN Proper Shipping Name (IMDG) UN Proper Shipping Name (ICAO) UN Proper Shipping Name (ADN)	Not applicable.
14.3	Transport Hazard Class(es) ADR/RID class ADR/RID classification code ADR/RID label IMDG class 4.1 ICAO class/division ADN class Transport labels	Not applicable.
14.4	Packing Group ADR/RID Packing Group IMDG Packing Group ICAO Packing Group ADN Packing Group	Not applicable.
14.5	Environmental Hazards Environmentally hazardous substance/marine pollutant Other Environmental Hazards	Not applicable.
14.6	Special Precautions for User General Special Precautions EmS ADR transport category Emergency Action Code Hazard Identification Number Tunnel Restriction Code	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code Transport in bulk according to Annex II of MARPOL 73/78 and the 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

National Regulations

No further information.

EU Regulations

There is no legal requirement to provide an SDS or information required under article 32 of REACH for this product.

- 15.2 Chemical Safety Assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa.

Chemical Safety Assessment

No further information.

SECTION 16: Other information

- 16.1 Hazard statements in full

Not Classified as Dangerous for Supply/Use.

- 16.2 Disclaimer

The information presented herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable to their circumstances.

- 16.3 Revisions

Please note the revision information on page 1 of this document, indicating the last revision date of this data, the revision number and the date this revision supersedes

- 16.4 References

Suppliers and manufacturers safety data sheets

- 16.5 Abbreviations and acronyms

Please contact us, in advance of need, should you require clarification of common abbreviations or acronyms used in this safety data sheet

END OF SAFETY DATA SHEET