

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS

Version 3.0

Print Date 2015/08/26

Revision date / valid from 2015/08/26

MSDS code: MSAT100

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

1.1. Product identifier

Trade name : SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS
Substance name : Sodium chloride
CAS-No. : 7647-14-5
EC-No. : 231-598-3

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

Use of the Substance/Mixture : At this time we do not yet have information on identified uses. They will be included in this safety data sheet when available.
Uses advised against : At this moment we have not identified any uses advised against
Remarks : This substance is exempt from registration according to Regulation (EC) No. 1907/2006 (REACH).

1.3. Details of the supplier of the safety data sheet

Company : Brenntag UK & Ireland
Albion House, Rawdon Park
GB LS19 7XX Leeds Yeadon
Telephone : +44 (0) 113 3879 200
Telefax : +44 (0) 113 3879 280
E-mail address : msds@brenntag.co.uk

1.4. Emergency telephone number

Emergency telephone number : Emergency only telephone number (open 24 hours):
+44 (0) 1865 407333 (N.C.E.C. Culham)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not a dangerous substance according to GHS.

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

67/548/EEC

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Most important adverse effects

Human Health : See section 11 for toxicological information.

Physical and chemical hazards : See section 9 for physicochemical information.

Potential environmental effects : See section 12 for environmental information.

2.2. Label elements**Labelling according to Regulation (EC) No 1272/2008**

Not a dangerous substance according to GHS.

Other labelling information:

Further information : Handle in accordance with good industrial hygiene and safety practice.

2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.
The product does not need to be labelled in accordance with EC directives or respective national laws.

SECTION 3: Composition/information on ingredients**3.1. Substances**

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

Non-hazardous component

Chemical Name	Identification Number	Amount [%]
Sodium chloride	CAS-No. : 7647-14-5 EC-No. 231-598-3	> 99.9

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS**SECTION 4: First aid measures****4.1. Description of first aid measures**

General advice	: No special precautions required.
If inhaled	: Remove to fresh air.
In case of skin contact	: Wash off with plenty of water.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. Remove contact lenses. If symptoms persist, call a physician.
If swallowed	: Do NOT induce vomiting. Wash out mouth with water. Drink plenty of water. If symptoms persist, call a physician.

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

Symptoms	: See Section 11 for more detailed information on health effects and symptoms.
Effects	: See Section 11 for more detailed information on health effects and symptoms.

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

Treatment	: Treat symptomatically. No further information available.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: none

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting	: Under fire conditions: Irritant gases/vapours
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5.3. Advice for firefighters

Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.
Further advice	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment. Avoid contact with skin and eyes. For personal protection see section 8. Eye wash bottle with pure water

6.2. Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Use mechanical handling equipment. Clean up promptly by scoop or vacuum. Keep in suitable, closed containers for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Advice on safe handling : Keep container tightly closed. Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Provide adequate ventilation. Avoid contact with the skin and the eyes.

7.2. Conditions for safe storage, including any incompatibilities

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Further information on storage conditions : Keep tightly closed in a dry and cool place. Product is hygroscopic. Protect against water. Avoid moisture.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Specific use(s) : No information available.

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Contains no substances with occupational exposure limit values.

Component:**Other Occupational Exposure Limit Values**

EH40 WEL, Time Weighted Average (TWA); Inhalable dust., Inhalable dust.
10 mg/m³, 8 h

EH40 WEL, Time Weighted Average (TWA); Respirable dust., Respirable dust
4 mg/m³, 8 h

8.2. Exposure controls**Appropriate engineering controls**

Take measures to prevent the build up of electrostatic charge.
Refer to protective measures listed in sections 7 and 8.

Personal protective equipment*Respiratory protection*

Advice : Required if dust is released
Dust-mask

Hand protection

Advice : Protective gloves complying with EN 374.

Eye protection

Advice : Safety goggles

Skin and body protection

Advice : Protective work clothing

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform
respective authorities.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS

Form	: Crystalline solid
Colour	: colourless to white
Odour	: odourless
Odour Threshold	: no data available
pH	: 10 (100 g/l)
Melting point/range	: 802 °C
Boiling point/boiling range	: 1,413 °C
Flash point	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: The product is not flammable.
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Relative density	: 2.165 (20 °C)
Water solubility	: 35.9 g/l (0 °C) 39.2 g/l (100 °C)
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition	: no data available
Viscosity, dynamic	: no data available
Explosivity	: no data available
Oxidizing properties	: no data available

9.2. Other information

No further information available.

SECTION 10: Stability and reactivity

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS**10.1. Reactivity**

Advice : No information available.

10.2. Chemical stability

Advice : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : No information available.

10.4. Conditions to avoid

Conditions to avoid : No information available.

10.5. Incompatible materials

Materials to avoid : sulphuric acid, Nitric acid, Iron, Aluminium, Copper

10.6. Hazardous decomposition products

Hazardous decomposition products : hydrogen chloride

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity****Oral**

LD50 : 3000 mg/kg (Rat)

Irritation**Skin**

Result : Danger of mechanical irritation caused by dust particles.

Eyes

Result : Product dust may be irritating to eyes, skin and respiratory system.

Further information

Other relevant toxicity information : Handle in accordance with good industrial hygiene and safety practice.

Experience with human exposure : Health injuries are not known or expected under normal use.

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS**SECTION 12: Ecological information****12.1. Toxicity**

Component:	Sodium chloride	CAS-No. 7647-14-5
Acute toxicity		
Fish		
7341 mg/l (Carassius auratus; 96 h)		
LC50	:	9675 mg/l (Lepomis macrochirus (Bluegill sunfish); 96 h)
Toxicity to daphnia and other aquatic invertebrates		
4135 mg/l (Daphnia magna (Water flea); 48 h)		

12.2. Persistence and degradability**12.3. Bioaccumulative potential****12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

Additional ecological information		
Result	:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Product	:	In accordance with local and national regulations.
Contaminated packaging	:	In accordance with local and national regulations.
European Waste Catalogue Number	:	No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS

Not dangerous goods for ADR, RID, IMDG and IATA.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IMDG : Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment**

no data available

SECTION 16: Other information**Further information**

Key literature references : Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Other information : The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements

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and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

|| Indicates updated section.