

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

## **SALT (SODIUM CHLORIDE) - GRANULAR / PDV / TABLETS**

Version 2.0

Print Date 2012/02/03

Revision Date 2012/02/03

**MSDS code: MSAT100**

### **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

#### **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 : 0113 3879 200  
Telefax : 0113 3879 280  
E-mail address : msds@brenntag.co.uk

#### **1.4. Emergency telephone number**

Emergency telephone number : Emergency only telephone number (open 24 hours):  
01865 407333 (N.C.E.C. Culham)

### **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.

##### **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**

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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.

## 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	> 99.9
	EC-No. : 231-598-3	

## 4. First aid measures

### 4.1. Description of first aid measures

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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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## **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 information	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## **6. Accidental release measures**

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### **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.

## **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.

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### 7.3. Specific end uses

Specific use(s) : No information available.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### Component:

#### Other Occupational Exposure Limit Values

EH40 WEL, Time Weighted Average (TWA):, Inhalable dust.  
10 mg/m<sup>3</sup>, 8 h

EH40 WEL, Time Weighted Average (TWA):, Respirable dust  
4 mg/m<sup>3</sup>, 8 h

### 8.2. Exposure controls

#### Engineering measures

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

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If the product contaminates rivers and lakes or drains inform  
respective authorities.

### **9. Physical and chemical properties**

#### **9.1. Information on basic physical and chemical properties**

Form	:	Crystalline solid
Colour	:	colourless to white
Odour	:	odourless
Odour Threshold	:	Currently we do not have any information from our supplier about this.
pH	:	10 (100 g/l)
Melting point/range	:	802 °C
Boiling point/boiling range	:	1,413 °C
Flash point	:	Currently we do not have any information from our supplier about this.
Evaporation rate	:	Currently we do not have any information from our supplier about this.
Flammability (solid, gas)	:	The product is not flammable.
Upper explosion limit	:	Currently we do not have any information from our supplier about this.
Lower explosion limit	:	Currently we do not have any information from our supplier about this.
Vapour pressure	:	Currently we do not have any information from our supplier about this.
Relative vapour density	:	Currently we do not have any information from our supplier about this.
Relative density	:	2.165 (20 °C)

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Water solubility	:	35.9 g/l (0 °C) 39.2 g/l (100 °C)
Partition coefficient: n-octanol/water	:	Currently we do not have any information from our supplier about this.
Ignition temperature	:	Currently we do not have any information from our supplier about this.
Thermal decomposition	:	Currently we do not have any information from our supplier about this.
Viscosity, dynamic	:	Currently we do not have any information from our supplier about this.
Explosivity	:	Currently we do not have any information from our supplier about this.
Oxidizing properties	:	Currently we do not have any information from our supplier about this.

### 9.2. Other information

No further information available.

## 10. Stability and reactivity

### 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

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### 10.6. Hazardous decomposition products

Hazardous decomposition : hydrogen chloride products

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

##### Oral

LD50 : 3000 mg/kg (rat)

##### Inhalation

Currently we do not have any information from our supplier about this.

##### Dermal

Currently we do not have any information from our supplier about this.

#### Irritation

##### Skin

Danger of mechanical irritation caused by dust particles.

##### Eyes

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

#### Sensitisation

Currently we do not have any information from our supplier about this.

#### CMR effects

##### CMR Properties

Carcinogenicity : Currently we do not have any information from our supplier about this.



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Mutagenicity : Currently we do not have any information from our supplier about this.

Teratogenicity : Currently we do not have any information from our supplier about this.

Reproductive toxicity : Currently we do not have any information from our supplier about this.

### **Specific Target Organ Toxicity**

#### **Single exposure**

Currently we do not have any information from our supplier about this.

#### **Repeated exposure**

Currently we do not have any information from our supplier about this.

#### **Aspiration toxicity**

Currently we do not have any information from our supplier about this.

### **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.

## **12. Ecological information**

### **12.1. Toxicity**

**Component: Sodium chloride**

**CAS-No.  
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#### **Acute toxicity**

##### **Fish**

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7341 mg/l (Carassius auratus; 96 h)

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### Toxicity to daphnia and other aquatic invertebrates.

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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

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#### Additional ecological information

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

### 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.

### 14. Transport information

Not dangerous goods for ADR, RID and IMDG.

#### 14.1. UN number

Not applicable.

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### **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.

## **15. Regulatory information**

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

### **15.2. Chemical Safety Assessment**

Currently we do not have any information from our supplier about this.

## **16. Other information**

### **Further information**

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 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

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for such material used in combination with any other material  
or in any process, unless specified in the text

|| Indicates updated section.