

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006  
Print Date 01.10.2015

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

#### 1.1 Product identifiers

Product name : Sodium Chloride  
REACH No. :  
CAS No : 7647-14-5  
EC number: : 231-598-3

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

Identified uses : Chemical, food additive, animal treatment preparation, water treatment

#### 1.3 Details of the supplier of the safety data sheet

Company : Vet-Way Ltd,  
1 Harrier court  
Airfield Business Park  
Elvington  
York  
YO41 4EA  
UNITED KINGDOM  
Telephone : +44 (0)1904 607600  
Fax : +44 (0)1904 607601

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008.**

This product is not classified according to the CLP regulation.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:**

**Hazard Pictograms**

Void

**Signal Word:** Void

**Hazard Statements:** Void

#### 2.3 Other hazards

**Result of PBT and vPvB assessment**

PBT: not applicable

vPvB: not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1 Chemical Characterisation: Substances Identification number(s) Not applicable

**Sodium Chloride** EINECS: 231-598-3  
CAS:7647-14-5  
REG. NR.: not applicable  
PERCENT:

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General advice

Take the affected persons out of danger area and lay down.

#### If inhaled

Take affected persons into fresh air and keep quiet.

#### In case of skin contact

Immediately rinse with water

#### In case of eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### If swallowed

Rinse mouth with water. If symptoms persist, consult a doctor. Do not induce vomiting.

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

No further relevant information available.

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

No further relevant information available.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing Media

#### Suitable extinguishing media

Use fire extinguishing methods suitable to surrounding conditions.

### 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released: Hydrogen Chloride (HCl)

### 5.3 Advice for firefighters

Wear self-contained respiratory protective device.

### 5.4 Further information

Collect contaminated fire fighting water separately. It must not enter the sewage system.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing

Avoid formation of dust

Ensure adequate ventilation

### 6.2 Environmental precautions

Do not allow to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

### 6.3 Methods and materials for containment and cleaning up

Pick up mechanically.

Send for recovery in suitable receptacles

Ensure adequate ventilation

### 6.4 Reference to other sections

See Section 7 for information on safe handling. See section 8 for information on personal protection equipment. See Section 13 for disposal information.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Prevent formulation of dust  
Ensure good ventilation/exhaustion at the work place.  
Provide suction extractors if dust is formed  
Any unavoidable deposit of dust must be regularly removed.

#### Information about fire - and explosion protection

This product is not flammable.  
Protect against electrostatic charges

#### Conditions for safe storage, including any incompatibilities

##### Storage:

**Requirements to be met by storerooms and receptacles :** No special requirements

**Information about storage in one common storage facility:** Do not store together with acids. Store away from oxidizing agents

##### Further information about storage conditions:

Store in cool, dry conditions.  
Protect from humidity and water.

This product is hygroscopic

**Storage class** VCL:13

##### Specific end use(s)

A part from the uses mentioned in section 1.2 no other specific uses are stipulated

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the work place

Not required

**Additional information:** The lists valid during the making were used as a basis

### 8.2 Exposure controls

#### Personal protective equipment

##### General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.  
Wash hands before breaks and at the end of work  
Special rooms for washing, showering and changing required

##### Eye/face protection

EN 166(EU) Tightly sealed goggles

##### Skin protection

Protective work clothing. Protective gloves.

**Material of the gloves:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Check protective gloves prior to each use for their proper condition.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

The selection of suitable gloves does not only depend on the material but also on further marks of quality and varies from manufacturer.

**Penetration time of the glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. EN374

**Respiratory protection**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Dustmask

**Body protection**

Use protective suit.

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**SECTION 9: Physical and chemical properties**

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

a)	Appearance	Pellets Colour: white
b)	Odor	odourless
c)	Odor Threshold	no data available
d)	pH	6-9 (10% solution)
e)	Melting point/freezing point	801°C
f)	Initial boiling point and boiling range	1461°C
g)	Flash point	no data available
h)	Evaporation rate	no data available
i)	Flammability (solid, gas)	no data available
j)	Upper/lower flammability or explosive limits	Not applicable
k)	Vapour pressure	no data available
l)	Vapour density	no data available
m)	Relative density	2.165g/cm <sup>3</sup> at 20 °C
n)	Water solubility	359g/l
o)	Bulk density	~1200 kg/m <sup>3</sup>
p)	Partition coefficient: n-octanol/water	no data available
q)	Auto-ignition temperature	no data available
r)	Decomposition temperature	Not determined

- s) Viscosity no data available
- t) Explosive properties Product does not present an explosion hazard.  
Risk of dust explosion
- u) Oxidizing properties no data available

**9.2 Other safety information**

No other data available

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

Not determined

**10.2 Chemical stability**

Stable. Thermal decomposition if used and stored according to specifications. To avoid thermal decomposition do not overheat.

**10.3 Possibility of hazardous reactions**

- Reacts with acids releasing chlorine
- Corrosive action on metals
- Corrodes aluminium
- Reacts with light metals
- Reacts with strong acids

**10.4 Conditions to avoid**

No further relevant information

**10.5 Incompatible materials**

Zn, Al, Metals, Strong Acids

**10.6 Hazardous decomposition products**

Possible in traces. Hydrogen chloride (HCl), Chlorine

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

Based on available data, the classification criteria are not met.

ORL	RAT	LD50	3000	mg/kg
DERMAL	RABBIT	LC50	>10000	mg/kg

**Skin corrosion/irritation**

Based on available data, the classification criteria are not met

**Serious eye damage/eye irritation**

Based on available data, the classification criteria are not met

**Sensitisation**

Based on available data, the classification criteria are not met

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Based on available data, the classification criteria are not met

**Germ cell mutagenicity**

Based on available data, the classification criteria are not met

**Carcinogenicity** Based on available data, the classification criteria are not met

**Reproductive toxicity** Based on available data, the classification criteria are not met

**STOT-single exposure**

Based on available data, the classification criteria are not met

**STOT-repeated exposure**

Based on available data, the classification criteria are not met

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic Toxicity:**

EC50 (24u) 6175mg/l (daphnia magna) (OECD 211)  
LC50 (96u) 9675mg/l (Lepomis macrochirus)  
EC50 (48u) 4135mg/l (daphnia magna)

**12.2 Persistence and degradability**

No further relevant information.

**12.3 Bioaccumulative potential**

No further relevant information available

**12.4 Mobility in soil**

No further relevant information available

**Additional ecological data:**

No further relevant information

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

no data available

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Product**

**Contaminated packaging**

Dispose of according to official regulations. Water, if necessary together with cleaning agents.

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**SECTION 14: Transport information**

**14.1 UN number**

ADR/RID: -

IMDG: -

IATA: -

**14.2 UN proper shipping name** ADR/RID:

Not dangerous goods IMDG:

Not dangerous goods IATA:

Not dangerous goods

**14.3 Transport hazard class(es)**

ADR/RID: -

IMDG: -

IATA: -

<b>14.4 Packaging group</b>		
ADR/RID: -	IMDG: -	IATA: -
<b>14.5 Environmental hazards</b>		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
<b>14.6 Special precautions for user</b>		
no data available		

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**SECTION 15: Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

**National regulations:**

**Water hazard class:**

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water

**15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

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**SECTION 16: Other information**

**Further information**

The information provided in these documents is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties. In no event will we be responsible for the damages or effects of any nature whatsoever either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application.

Emergency number 112