

**Safety data sheet pursuant to ordinance  
(EC) No. 453/2010  
(EC) No. 1907/2006 (REACH)**

Print date: 02/03/2016

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Revised:18.08.2015

Cimco-Werkzeugfabrik  
Carl Jul. Müller GmbH & Co. KG

## 1. DESIGNATION OF THE MATERIAL OR MIXTURE AND COMPANY NAME

### 1.1 Product identifier

**Product name** Sodium chloride, NaCl, prepared with separating agent E 535 (0.01 %, calculated as Fe(CN)<sub>6</sub>) Art. No. **140380 / 140382 / 140384 / 140386**  
**Trade name** Road salt Art. No. **140380 / 140382 / 140384 / 140386**  
**CAS No.** 7647-14-5  
**EC No.**

### 1.2 Relevant identified use of material or mixture and uses that are not advisable

Recommended  
limitations of the  
application

Use of the material/mixture spreading on roads in the winter

### 1.3 Details on the supplier who is making the safety data sheet available

**Company** Cimco Werkzeugfabrik Carl Jul. Müller GmbH & Co. KG  
Hohenhagener Straße 1 - 5  
D-42855 Remscheid, Germany  
+49 (0) 21913718-01 Fax: +49 (0) 21913718-86

**1.4 Emergency number** **Emergency CONTACT (24-Hour-Number)**  
**GBK GmbH +49 (0)6132-84463**

## 2. POSSIBLE HAZARDS

No labelling obligation.

## 3. COMPOSITION / INFORMATION ON COMPONENTS

EC No.	CAS No.	Chemical characterisation
231-598-3	7647-14-5	Sodium chloride

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#### 4. FIRST AID MEASURES

##### 4.1 Description of first aid measures

###### General information

<b>After inhaling</b>	Ensure there is fresh air.
<b>After skin contact</b>	No special measures required.
<b>After swallowing</b>	Rinse mouth with water. Allow patient to drink plenty of water in small portions, but only if the person is conscious. If unwell, seek medical advice.
<b>After eye contact</b>	Immediately rinse with plenty of water. In the event of continuing irritation, seek medical advice.

#### 5. FIREFIGHTING MEASURES

##### 5.1 Extinguishing agents

**Suitable extinguishing agents** Product is not flammable. Use appropriate fire fighting measures for surrounding fire.

**Unsuitable extinguishing agents**

##### 5.2 Particular risks associated with the material or mixture

None

##### 5.3 Information on fire fighting

**Special protective equipment for firefighting:**  
No information is available.

#### 6. MEASURES IN THE EVENT OF ACCIDENTAL RELEASE

##### 6.1 Person-related safety precautions, protective equipment and procedures to be followed in emergencies

No information is available.

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## 6.2 Environmental protection measures

Do not allow product to get into surface water, sewage system or into the soil.

## 6.3 Methods and material for containment and cleaning

Remove mechanically and dispose of properly. Clean afterwards with plenty of water.

## 6.4 References to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protective equipment: see section 8

## 7. HANDLING AND STORAGE

### 7.1 Safety measures for safe handling

Hygiene measures

Do not smoke, eat, drink or sniff while working.  
Wash hands before breaks and after finishing work.

Information on fire and explosion  
protection

No flammable material.

### 7.2 Conditions for safe storage taking incompatibilities into consideration

Storage requirements

Protected from the effects of the weather, in halls or in storage  
facilities covered with tarpaulin.

Information on storage with other  
products

Further information on storage  
conditions

Do not store in containers with iron. Do not store in zinc-  
galvanized containers.

Storage class

### 7.3 Specific end use

See section 1.2

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## 8. LIMITATION AND MONITORING OF EXPOSURE / PERSONAL PROTECTIVE EQUIPMENT

### 8.1 Limit values

CAS No.	Designation	Type	[mg/m <sup>3</sup> ]	Dust fraction	Peak limit	Note
	General dust emission limit - alveolar fraction	Occupational limit value	1.25	Alveolar dust concentration	2(II)	AGS, DFG
	General dust emission limit - inhalable fraction	Occupational limit value	10.0	Inhalable dust	2(II)	AGS, DFG

### 8.2 Limiting and monitoring exposure

#### Personal protective equipment

General protective and hygiene measures

Keep away from food, drink and animal feed. Do not smoke, eat or drink while working. Avoid contact with the eyes and skin. Wash hands before a break and after finishing work.

Respiratory protection

 Not required  
 Recommendation if dust is formed: fine dust mask without scale number.

Hand protection

Protective gloves if in contact material for a long time

Eye protection

Recommendation if dust is formed: Safety goggles

Personal protection

Preventive skin protection is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on the basic physical and chemical properties

Form	crystalline
Colour	white to grey
Odour	odourless
Steam pressure	- na -
Relative density	2.16 g/cm <sup>3</sup>
Boiling point	1461 °C

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Melting point / Freezing point	801 °C
Explosive properties	- na -
Self-ignition temperature	- na -
Ignition point	not flammable
Flammability	- na -
Oxidizing properties	- na -
Solubility in water (20 °C)	358 g/l
Ignition temperature	- na -
Solvent content	- na -
Solids content	- na -

## 9.2 Other information

No information is available.

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## 10.1 – 10.3 STABILITY AND REACTIVITY

No hazardous reactions when stored and handled correctly.

## 10.4 Conditions to be avoided

None known

## 10.5 Incompatible materials

None known

## 10.6 Hazardous decomposition products

If stored and handled according to regulations.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

	<b>Value/Evaluation</b>	<b>Species</b>	<b>Method</b>	<b>Note</b>
LD50 acute oral	3550 mg/kg	Rat		ECHA
LD50 acute dermal	> 10,000 mg/kg	Rabbit		ECHA
Skin irritation	not irritating			
Eye irritation	not irritating			

## 12. ENVIRONMENTAL INFORMATION

### 12.1 Toxicity

Hazardous effect on water organisms is not expected.

### 12.2 Persistence and degradability

The methods for evaluating biological degradability are not applicable to inorganic substances.

### 12.3 Bio accumulation potential

No detrimental effects are to be expected.

### 12.4 Mobility in the soil

No information is available.

### 12.5 Results of PBT and vPvB assessment

PBT Not applicable

vPvB Not applicable

### 12.6. Other harmful effects

None known

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### 13. INFORMATION ON DISPOSAL

Recommendation	Disposal according to the local official regulations
Product	Dispose of in accordance with local authority regulations.
Waste code	It is not possible to define a waste code number for this product in accordance with the European List of Waste Materials (AVV), as only the purpose it is used for by the consumer allows it to be classified. The waste code number is to be defined within the EU in agreement with the disposal company.
Unclean packaging	Packaging must be completely emptied (drip-free, trickle-free, cleaned with a scraper). Packaging should preferably be recycled, taking the respective applicable local/national regulations into consideration.

### 14. INFORMATION ON TRANSPORT

	ADR/RID	IMDG	IATA-DGR
<b>14.1 UN number</b>	Not hazardous goods	Not hazardous goods	Not hazardous goods
<b>14.2 Proper UN shipping name</b>	-	-	-
<b>14.3 Transport hazard class</b>	-	-	-
<b>14.4 Packaging group</b>	-	-	-
<b>14.5 Environmental hazards</b>	no	no	no

#### 14.6 Special preventive measures for the user

No information is available.

#### 14.7 Bulk transport according to Appendix II of the MARPOL agreement 73/78 and according to the IBC code

No bulk transport in tanker ships is intended.

### 15. STATUTORY REGULATIONS

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**15.1 Regulations on safety, health and environmental protection / specific legal regulations for the material or the mixture**

**National regulations**

Information on employment restrictions

The national laws regarding employment restrictions are to be observed.

Water hazard class 1 VwVwS Appendix 4  
slightly water hazardous

**15.2 Chemical safety assessment**

A chemical safety assessment for materials in this mixture have not been carried out.

**16. OTHER INFORMATION**

**Further information**

The information given is based on our current level of knowledge and serves to describe the product in terms of the safety precautions to be taken. It does not represent an assurance of properties of the product described.

Please pay attention to additional information! - Our safety data sheets have been prepared according to the valid EU guidelines WITHOUT taking into consideration any special national regulations regarding handling hazardous materials and chemicals.