

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH)



## Art. 6600, ICE-BREAKER

Version: 10

Revision date: 10.07.2023

Date of print: 10.07.2023

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

#### 1.1 Product identifier

**Identification / trade name:** Art. 6600, ICE-BREAKER  
**REACH registration number:** not notifiable  
**UFI:** QJPM-60VJ-KM0T-2S47

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

**Use of the substance / mixture:**  
Ice melting flakes

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

**Supplier / Manufacturer:** HWR-CHEMIE GmbH  
Moosfeldstrasse 7  
D-82275 Emmering

**Telephone:** 0049-8141-51030  
**Telefax:** 0049-8141-510355  
**E-mail:** info@hwr-chemie.de

**E-mail (competent person):** infoSDB@hwr-chemie.de  
**Information contact:** Laboratory

#### 1.4 Emergency phone

**Emergency phone Germany:** 0049-8141-51030 (only during office hours)  
**Emergency phone Austria:** 0043 1 406 43 43 (poison information centre)

### SECTION 2. Hazards identification

#### 2.1 Classification of the substance or mixture

**Regulation (EC) No 1272/2008**  
Eye Irrit. 2, H319

#### 2.2 Label elements

**Regulation (EC) No 1272/2008**

**Hazard pictograms**



**Signal word:** Warning.

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### Hazard statements

H319 Causes serious eye irritation.

### Precautionary statements

P261 Avoid breathing dust.

P280 Wear protective gloves and eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

### 2.3 Other hazards

The substances in this mixture do not meet the PBT/vPvB criteria of REACH, annex XIII.

The substances in this mixture do not have any endocrine disrupting properties.

## SECTION 3. Composition / information on ingredients

### 3.1 Substances

This product is a mixture.

### 3.2 Mixtures

#### Chemical characterization

Mixture of calcium salts.

#### Hazardous ingredients

75 - 100 % Calcium chloride, EG 233-140-8, CAS 10043-52-4, Eye Irrit. 2, H319

#### Additional information

Full text of hazard classes and H-phrases: see section 16

## SECTION 4. First aid measures

### 4.1 Description of first aid measures

<b>General informations:</b>	In case of persistent symptoms seek medical advice. Remove contaminated clothing. In case of unconsciousness place patient into stable side position for transportation. Never give fluids or induce vomiting if patient is unconscious or is having convulsions.
<b>In case of inhalation:</b>	Provide affected person with fresh air and seek medical advice depending on the symptoms.
<b>In case of skin contact:</b>	Contaminated, soaked clothing should be immediately removed. Wash skin thoroughly with soap and water.
<b>In case of eye contact:</b>	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
<b>In case of ingestion:</b>	Rinse mouth immediately and then drink plenty of water. Do not induce vomiting. Seek medical advice at once.

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

Contact with eyes may cause reddening, running eyes and smarting pain. Ingestion may result in nausea and stomach pain.

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

Symptomatic treatment (decontamination, vital functions), no known specific antidote.

## SECTION 5. Fire-fighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** Water spray jet / foam / CO<sub>2</sub> / dry extinguishing powder

**Unsuitable extinguishing media:** Full water jet.

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

Above decomposition temperature may be liberated: Chlorine (Cl<sub>2</sub>)

### 5.3 Advice for fire-fighters

The product itself is not flammable. Co-ordinate fire-fighting measures to the fire surroundings.  
Special protective equipment: Wear full protective suit with self-contained breathing apparatus.

## SECTION 6. Accidental release measures

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

Avoid contact with skin and eyes. Wear protective equipment.

### 6.2 Environmental precautions

No special environmental measures are necessary.

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

Take up dry. Forward for disposal.

### 6.4 Reference to other sections

Observe protective measures in sections 8 and disposal considerations in section 13.

## SECTION 7. Handling and Storage

### 7.1 Precautions for safe handling

#### Advices on safe handling

Open carefully and keep container closed when not in use. Do not breathe dust.

General hygiene measures:

- Eating, drinking or smoking is prohibited in areas, where work is performed.
- Wash your hands after use.
- Take off contaminated clothing and protective equipment before entering eating areas.

#### Precautions against fire and explosion

Product does not burn itself.

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

#### Requirements for storage rooms and vessels

Store in tightly closed original container in a dry and cool place.  
Storage compatibility and limitations according to TRGS 510 must be observed.

### 7.3 Specific end uses

Observe product information sheet.  
eCl@ss (8.0): 30-06-01-03

## SECTION 8. Exposure controls / Personal protection

### 8.1 Control parameters

Does not contain substances fixing an occupational exposure limit.

### 8.2 Exposure controls / Personal protection equipment

#### Appropriate engineering controls

See section 7. No additional measures necessary.

#### Personal protection equipment

<b>Respiratory protection:</b>	not required
<b>Hand protection:</b>	not required
<b>Eye protection:</b>	not required
<b>Protective clothing:</b>	not required

#### General health and safety measures

Respect good personal hygiene.

#### Environmental exposure controls

See section 6 and 7.

## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General information

<b>Physical state:</b>	Flakes
<b>Colour:</b>	white
<b>Odour:</b>	odourless
<b>pH value (undiluted):</b>	not applicable
<b>pH value (1 %):</b>	approx. 8
<b>Melting point/Freezing point (°C):</b>	not applicable
<b>Boiling temperature (°C):</b>	> 1600

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<b>Flashpoint (°C):</b>	not applicable
<b>Flammability (solid, gas):</b>	not applicable
<b>Lower explosion limit:</b>	not applicable
<b>Upper explosion limit:</b>	not applicable
<b>Vapour pressure (hPa):</b>	not applicable
<b>Relative vapor density:</b>	not applicable
<b>Density (20 °C):</b>	approx. 2,15
<b>Bulk density (g/l):</b>	approx. 600
<b>Solubility:</b>	approx. 740 g/l water
<b>Partition coefficient (KOW):</b>	not applicable
<b>Ignition temperature:</b>	not determined
<b>Decomposition temperature:</b>	not determined
<b>Kinematic viscosity (mm<sup>2</sup>/s):</b>	not applicable
<b>Particle properties:</b>	not determined

### 9.2 Other information

#### Other safety characteristics

No other physical and chemical data has been recorded.

## SECTION 10. Stability and Reactivity

### 10.1 Reactivity

No particular reactivity expected.

### 10.2 Chemical stability

Stable under the specified storage conditions.

### 10.3 Possibility of hazardous reactions

There are expected no hazardous reactions for intended use.

### 10.4 Conditions to avoid

No hazardous conditions known. Note the information about handling and storage in section 7.

### 10.5 Incompatible materials

Exothermic reaction with boron oxide and boron trifluoride.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.