

# SAFETY DATA SHEET

In accordance with 453/2010 and 1272/2008

(All references to EU regulations and directives are abbreviated into only the numeric term)

Issued 2015-04-01

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Trade name

**MOISTURE ABSORBER**

Other names or synonyms

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

Identified uses

Moisture barrier, damp eater

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

Company

Säljtema AB

Låsbomsgatan 14

SE-589 41 Linköping

Sweden

Telephone

+46 13-16 02 00

E-mail

info@saljtema.se

### 1.4. Emergency telephone number

In case of emergency contact toxicological information, emergency tel 112 (within Europe) or 1-800-222-1222 (for USA). For other countries, use the built-in emergency number in your cell phone

For non-emergency poison information, see [http://www.who.int/gho/phe/chemical\\_safety/poisons\\_centres/en/](http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification in accordance with 1272/2008

Irritates eyes (Category 2)

### 2.2. Label elements

Label information in accordance with 1272/2008

Hazard pictograms



Signal words

Warning

Hazard statements

H319

Causes serious eye irritation

Precautionary statements

P264

Wash hands thoroughly after handling

P280

Wear protective gloves/protective clothing/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

Not relevant.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is composed of a mixture of several solid substances.

### 3.2. Mixtures

Note that the table shows known hazards of the ingredients in a pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
<b>CALCIUM CHLORIDE</b>		
CAS No 10043-52-4 EC No 233-140-8 Index No 017-013-00-2	Eye Irrit 2; H319	50 - 80%

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complement used in the calculation of the hazards of this mixture, see Section 16b  
Also contains component(s) not necessary to label.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Generally

Allow the injured person rest in a warm place which has fresh air.

In case of concern, or if symptoms persist, call doctor/physician.

Put the person in the three-quarters prone recovery position if he or she is unconscious or groggy.

#### Upon breathing in

Allow the injured person to rest in a warm place with fresh air, seek medical advice.

#### Upon contact with the eyes

Rinse the eye for several minutes with lukewarm water. Contact a physician.

Remove contact lenses immediately if possible.

Important! Also flush during transport to hospital (eye specialist).

#### Upon skin contact

Wash the skin with soap and water.

If symptoms occur, contact a physician.

#### Upon ingestion

Drink plenty of water.

Induce vomiting.

Upon ingestion of larger amounts, consult a doctor/physician.

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

Irritates the eyes. Splashes in eyes may cause burning pain.

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

When contacting a physician, take this SDS with you.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

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

Not combustible.

### 5.3. Advice for fire-fighters

Protective measures should be taken regarding other material at the site of the fire.

In case of fire use a respirator mask.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Ensure good ventilation.

Do not inhale dust and avoid contact with skin, eyes and clothes when cleaning up spill.

Use recommended safety equipment, see section 8.

### 6.2. Environmental precautions

Avoid that larger spills reach drains, fields or waterways.

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

Minor spillage should be wiped away or flushed away with water. Large quantities should be collected for incineration in accordance with the local regulations.

Residues left behind after cleaning shall be treated as hazardous waste. For further information, contact the local authority sanitation works. Present this safety data sheet.

### 6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Take off work clothes and protective gear before meals.

Store this product separately from food items and keep it out of the reach of children and pets.

Do not eat, drink or smoke in premises where this product is stored.

Avoid handling in a manner which will raise dust.

Wash your hands after using the product.

Remove clothes which have been splattered.

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

Store cool, in sealed package.

Handle in a premises which is well ventilated.

Store in a well-ventilated space.

Eye-rinsing facilities shall be available at the workplace.

Store only in the original package.

### 7.3. Specific end uses

Not relevant.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### 8.1.1. National limit values, United Kingdom

All ingredients (cf. Section 3) lack occupational exposure limit values.

### 8.2. Exposure controls

In terms of minimizing risks, attention must be paid to the health hazards (see Sections 2, 3 and 10) of this product or any of its ingredients according to EU directives 89/391 and 98/24 and national occupational legislation.

Use protective glasses, safety goggles, or a visor.

Use proper protective breathing equipment in case of insufficient ventilation.

Dust filter IIb(P2) may be needed in dusty work.

Use protective gloves made of neoprene or nitrile (EN 374).

For limitation of environmental exposure, see Section 12.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

- |                    |                               |
|--------------------|-------------------------------|
| a) Appearance      | Form: Flakes<br>Colour: white |
| b) Odour           | Scentless                     |
| c) Odour threshold | Not applicable                |
| d) pH              | When supplied. pH is: -       |

	In working solution the pH value is: 9-10
e) Melting point/freezing point	100 °C
f) Initial boiling point and boiling range	1400 °C at atmospheric pressure (101325 Pa)
g) Flash point	Not applicable
h) Evaporation rate	Not applicable
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not applicable
k) Vapour pressure	Not applicable
l) Vapour density	Not applicable
m) Relative density	Not applicable
n) Solubility	Solubility in water: Soluble
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not applicable
q) Decomposition temperature	Not applicable
r) Viscosity	Not applicable
s) Explosive properties	Not applicable
t) Oxidising properties	Not applicable

## 9.2. Other information

No data available

# SECTION 10: STABILITY AND REACTIVITY

## 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

## 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

## 10.3. Possibility of hazardous reactions

Reacts violently with strong acids.

Reacts with certain metals under development of flammable and explosive hydrogen gas.

## 10.4. Conditions to avoid

Not indicated

## 10.5. Incompatible materials

Avoid contact with acids.

Avoid contact with metal.

## 10.6. Hazardous decomposition products

Chlorine gas.

Hydrogen chloride (HCl).

# SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1. Information on toxicological effects

### Repeated dose toxicity

No chronic effects have been reported for this product.

### Carcinogenicity

No carcinogenic effects have been reported for this product.

### CMR effects

No mutagenic or reproductive toxic effects have been reported for this substance.

### Sensibilisation

No hypersensitive reactions have been reported for this substance.

### Corrosive and irritating effects

Can cause skin irritation after repeated or prolonged contact.

Eye contact may cause burning pain or irritation.

### Synergism and antagonism

No information is available.

**Relevant toxicological properties**  
**CALCIUM CHLORIDE**  
LD50 rat (Orally) 24h = 1000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### **CALCIUM CHLORIDE**

EC50 Freshwater water flea (*Daphnia magna*) 96 h = 649 mg/l

LC50 Bluegill (*Lepomis macrochirus*) 96h = 10650 mg/l

LC50 Fish 96h > 10000 mg/l

LC50 mosquitofish (*Gambusia affinis*) 96h = 13400 mg/l

The product, according to current criteria and based on available information, is considered not to be harmful to the environment.

### 12.2. Persistence and degradability

The methods used to test biodegradability is not applicable on inorganic compounds.

### 12.3. Bioaccumulative potential

Neither this product, nor its contents, accumulates in nature.

### 12.4. Mobility in soil

The product is miscible with water and is therefore variable in soil and water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6. Other adverse effects

None known effects or hazards.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### **Waste handling for the product**

The product is not classified as hazardous waste.

Observe local regulations.

Cf. also national waste regulations.

#### **Classification according to 2006/12**

Recommended LoW-code: 06 03 14 Solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13.

#### **Recycling of the product**

Excess/old/contaminated product must be incinerated. Empty containers can be recycled if possible. The manufacturer is a member of REPA.

## SECTION 14: TRANSPORT INFORMATION

This product is only supposed to be transported by road or railway and just the transport regulations ADR/RID thus apply. If other means of transport are to be used, contact the publisher of this safety data sheet.

### 14.1. UN number

Not classified as dangerous goods

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing 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 MARPOL73/78 and the IBC Code

Not applicable

## SECTION 15: REGULATORY INFORMATION

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

Not applicable.

### 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has yet been performed. Submitted by the supplier on demand.

## SECTION 16: OTHER INFORMATION

### 16a. Indication of where changes have been made to the previous version of the safety data sheet

#### Revisions of this document

This is the first version.

### 16b. Legend to abbreviations and acronyms used in the safety data sheet

#### Full texts for Hazard Class and Category Code mentioned in section 3

*No phys haz* Non-assigned physical hazard

Eye Irrit 2 Irritates eyes (Category 2)

#### Comprehensive definition of the hazards mentioned in Section 2

##### Eye Irrit 2

If, when applied to the eye of an animal, a substance produces at least in 2 of 3 tested animals, a positive response of:

- corneal opacity  $\geq 1$  and/or

- iritis  $\geq 1$ , and/or

- conjunctival redness  $\geq 2$  and/or

- conjunctival oedema (chemosis)  $\geq 2$

calculated as the mean scores following grading at 24, 48 and 72 hours after installation of the test material, and which fully reverses within an observation period of 21 days

#### Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

### 16c. Key literature references and sources for data

#### Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2015-04-10.

Where such data was lacking, on the second hand the documentation on which this official classification is based was used, e.g. IUCLID (International Uniform Chemical Information Database). On the third hand, information was used from reputable international chemical suppliers, and on the fourth hand from other available information, e.g. safety data sheets from other suppliers or information from non-profit associations, whereby the reliability of the source was judged by an expert. If, in spite of this, reliable information was not found, the hazards were judged by expert opinions based on the known properties of similar substances, and according to the principles in 1907/2006 and 1272/2008.

#### Full texts for Regulations mentioned in this Safety Data Sheet

453/2010 COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

89/391 COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work

98/24 COUNCIL DIRECTIVE 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC)

2006/12 DIRECTIVE 2006/12/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2006 on waste

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC Annex I

**16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification**

The calculation of the hazards of this mixture has been performed as an evaluation by applying a weight of evidence determination using expert judgement in accordance with 1272/2008 Annex I, weighing all available information having a bearing on the determination of the hazards of the mixture, and in accordance with 1907/2006 Annex XI.

**16e. List of relevant hazard statements and/or precautionary statements**

**Full texts for hazard statements mentioned in section 3**

H319 Causes serious eye irritation

**16f. Advice on any training appropriate for workers to ensure protection of human health and the environment**

**Warning for misuse**

This product can cause injuries if not used properly. The manufacturer, the distributor or the supplier are not responsible for adverse effects if the product is not handled in accordance with its intended use.

**Other relevant information**

**Product facts that are not mentioned elsewhere in this document**

This product is sold under the following article number: TORRBOLLEN, Fuktslukaren 7100

TORRBOLLEN, Mega 7106

TORRBOLLEN, rektangulär 7109

TORRBOLLEN, refill - enpack 7104

TORRBOLLEN, refill - trepack 7114

TORRBOLLEN, refill - fyrpack 7115

TORRBOLLEN, hängande 7205.

**Editorial information**

This safety data sheet has been generated by the program KemRisk®, KemRisk Sweden AB, Teknikringen 10, SE-583 30 Linköping, Sweden.