

Safety data sheet according to 1907/2006/EC, Article 31

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Printing date 12.01.2022

Version number 1

Revision: 05.01.2022

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

- **1.1 Product identifier**
 - **Trade name:** SeaDry
 - **UFI:** 5H00-60XY-M008-T55J
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.
- **Application of the substance / the mixture**

Desiccant
Dehumidifier
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**

ThoMar OHG
Basedower Weg 10
D-21483 Lüttau
Tel: +49(0)4153 55900 0
Mail: sds@thomar.de
 - **Informing department:**

Tel: +49(0)4153 55900 0
Fax: +49(0)4153 55900 99
Mail: info@thomar.de
- **1.4 Emergency telephone number:**

Phone: +49(0)4153 55900 50
Mo-Th 8:00 - 16:00 h
Fr 8:00 - 15:00 h

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.
 - **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**

H319 Causes serious eye irritation.

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- **Precautionary statements**

- P102 Keep out of reach of children.

- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:** Mixture of the substances listed below including additives not requiring identification.

- **Dangerous components:**

CAS: 10043-52-4 EINECS: 233-140-8 Reg.nr.: 01-2119494219-28-X	calcium chloride Eye Irrit. 2, H319	50 - 100%
CAS: 9005-25-8 EINECS: 232-679-6	Starch substance with a Community workplace exposure limit	25 - 50%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information** No special measures required.

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- **After skin contact**

The product is not skin irritating.

Wash with water and soap.

In case of permanent aches and pains please go and see the doctor.

- **After eye contact**

Rinse opened eye for several minutes under running water.

In case of permanent aches and pains please go and see the doctor.

- **After swallowing**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting.

In case of persistent symptoms consult doctor.

- **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **After skin contact:** May be irritant to skin and mucous membranes.

- **After swallowing:** If swallowed, may irritate the mouth, throat and digestive system.

- **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**

- **Suitable extinguishing agents**

The product itself does not burn.

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Use fire fighting measures that suit the environment.

- **For safety reasons unsuitable extinguishing agents** None known.

- **5.2 Special hazards arising from the substance or mixture**

Can be released in case of fire:

Hydrogen chloride (HCl)

- **5.3 Advice for firefighters**

- **Protective equipment:** Wear breathing protection if necessary.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid causing dust.

Wear protective equipment. Keep unprotected persons away.

Avoid contact with the product.

Ensure adequate ventilation

- **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

- **6.3 Methods and material for containment and cleaning up:**

Collect mechanically.

Avoid dust generation.

Send for recovery or disposal in suitable containers.

- **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 information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**

No special precautions necessary if used correctly.

Do not open/destroy product.

Avoid contact with eyes and skin.

Prevent formation of dust.

- **Information about protection against explosions and fires:** No special measures required.

- **7.2 Conditions for safe storage, including any incompatibilities**

- **Storage**

- **Requirements to be met by storerooms and containers:** No special requirements.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Store under dry conditions.

Protect from humidity and keep away from water.

This product is hygroscopic.

- **7.3 Specific end use(s)** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with limit values that require monitoring at the workplace:

9005-25-8 Starch

WEL (Great Britain)	Long-term value: 10* 4** mg/m ³ *total inhalable **respirable
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· **Additional information:** The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures

The usual precautionary measures should be adhered to general rules for handling chemicals.

· Breathing equipment:

Not required when used as intended.

When dusts are generated, wear respiratory protection.

Fine-dust mask, filter P1

· Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

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

· **Eye/face protection** Where dusting potential exist, goggles should be worn.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Physical state

Solid

· Colour:

Whitish

· Odour:

odourless

· Melting point/freezing point:

~ 770 °C

· Boiling point or initial boiling point and boiling range

> 999 °C

· Flammability

Not applicable.

· Flash point:

Not applicable

· Self-inflammability:

Product is not selfigniting.

· Decomposition temperature:

Not determined.

· SADT

· pH at 20 °C

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<ul style="list-style-type: none"> · Viscosity: · Kinematic viscosity Not applicable. · dynamic: Not applicable. · Solubility · Water: Soluble · Partition coefficient n-octanol/water (log value) Not determined. · Vapour pressure: Not applicable. · Density and/or relative density · Density Not determined · Relative density Not determined. · Vapour density Not applicable. · Particle characteristics See item 3. 	
<ul style="list-style-type: none"> · 9.2 Other information · Appearance: · Form: pouch Granulate Powder · Important information on protection of health and environment, and on safety. · Explosive properties: Product is not explosive. · VOC EU · Solids content: 100 % · Change in condition · Evaporation rate Not applicable. 	
<ul style="list-style-type: none"> · Information with regard to physical hazard classes · Explosives Void · Flammable gases Void · Aerosols Void · Oxidising gases Void · Gases under pressure Void · Flammable liquids Void · Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void · Self-heating substances and mixtures Void · Substances and mixtures, which emit flammable gases in contact with water Void · Oxidising liquids Void · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives Void 	

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.

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- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
None in case of intended use and storage in compliance with instructions.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

10043-52-4 calcium chloride

Oral	LD50	2,301 mg/kg (rat) (OECD 401)
Dermal	LD50	> 5,000 mg/kg (rabbit)
Inhalative	LC50	> 0.16 mg/l/4h (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**
Causes serious eye irritation.
- **Respiratory or skin sensitisation** 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.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**

- **Repeated dose toxicity**

10043-52-4 calcium chloride

Oral	NOAEL (28d)	≥ 1,000 mg/kg bw/day (rat)
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- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability**
Anorganic product, is not eliminable from water by means of biological cleaning processes.
- **12.3 Bioaccumulative potential** Does not accumulate in organisms
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Smaller quantities can be disposed with household waste.

The waste code numbers mentioned are recommendations based on the probable use of the product.

- **European waste catalogue**

06 00 00	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 08 00	wastes from the MFSU of silicon and silicon derivatives
06 08 99	wastes not otherwise specified
HP4	Irritant - skin irritation and eye damage

- **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN number or ID number · ADR/ADN, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR/ADN, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR/ADN, ADN, IMDG, IATA · Class 	Void
<ul style="list-style-type: none"> · 14.4 Packing group · ADR/ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	Not applicable. No
<ul style="list-style-type: none"> · 14.6 Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> · 14.7 Maritime transport in bulk according to IMO instruments 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: 	Not dangerous according to the above specifications.
<ul style="list-style-type: none"> · UN "Model Regulation": 	Void

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SECTION 15: Regulatory information

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

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

- **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

- **National regulations**

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

- **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is contained.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.


SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H319 Causes serious eye irritation.

- **Department issuing data specification sheet:**

 **DEKRA** This Safety Data Sheet has been drawn up in cooperation with:
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
phone: (+49) 511 42079 - 0, reach@dekra.com.

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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