

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 17.10.2023

Version number 101.00 (replaces version 1.00)

Revision: 17.10.2023

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

### - 1.1 Product identifier

- Trade name **CSH Pro**

- Article number: 1006687001000

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

The substance is not classified as hazardous and/or is not subject to the obligation to prepare a chemical safety report under REACH, therefore no exposure scenarios are required for this safety data sheet.

- Application of the substance / the mixture Basic chemical (without special defined application)

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

#### - Manufacturer/Supplier:

CSH CONCEPT GMBH  
Tannenkrugstraße 22-28  
26180 Rastede  
Tel.: 04402 – 98902-0  
Fax: 04402 – 98902-44  
info@csh-concept.de

- Informing department: Product safety department

### - 1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

Tel. (+49) 61 31 / 19 240.

## SECTION 2: Hazards identification

### - 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

### - 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 Void

- Hazard pictograms Void

- Signal word Void

- Hazard statements Void

### - 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

- Determination of endocrine-disrupting properties Not applicable.

## SECTION 3: Composition/information on ingredients

### - 3.2 Mixtures

- Description: Mixture of the substances listed below with harmless additions

- Dangerous components: Void

#### - SVHC

This preparation does not contain any substances of very high concern (SVHC) in a concentration of  $\geq 0.1$  % according to Regulation (EC) 1907/2006, Article 57.

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

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#### \* SECTION 4: First aid measures

##### - 4.1 Description of first aid measures

##### - General advice:

Change contaminated clothing.

If unconscious, position and transport in stable lateral position.

In case of persistent symptoms receive medical treatment.

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

- **After skin contact** Wash off with water and soap.

- **After eye contact** Consult a doctor in case of symptoms.

##### - After swallowing

Rinse out mouth and then drink plenty of water.

Seek medical advice.

##### - Information for doctor

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

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

Slippery body surface. Burning and pain of the eyes and skin. Pain in the alimentary canal after swallowing.

- 4.3 Indication of any immediate medical attention and special treatment needed Treat symptoms.

#### \* SECTION 5: Firefighting measures

##### - 5.1 Extinguishing media

##### - Suitable extinguishing agents

Product is non-flammable. Use fire fighting measure that suit the surroundings.

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

- 5.2 Special hazards arising from the substance or mixture No further relevant information available.

##### - 5.3 Advice for firefighters

- **Protective equipment:** Wear self-contained breathing apparatus.

##### - Additional information

Endangered containers in the surrounding area should be cooled with a water-hose.

#### SECTION 6: Accidental release measures

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

Particular danger of slipping on leaked/spilled product.

Avoid contact with skin, eyes and clothing.

- 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:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Contaminated material has to be disposed as waste (see item 13).

##### - 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.

Danger of burning is possible

#### \* SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Open and handle container with care.

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

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- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage** Store in cool, dry conditions in well sealed containers.
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
According to guidelines of the VbF, flammable liquids should not be stored together.
- **Further information about storage conditions:** Protect from frost.
- **Recommended storage temperature:** 15 - 60 °C
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with critical values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to in handling the chemicals.  
Gases, fumes and aerosols should not be inhaled.
- **Breathing equipment:**  
In case of dizziness-dust breathing protection is required  
Respiratory protection in case of release of vapours/aerosols
- **Recommended filter device for short term use:** Filter P2
- **Hand protection**  
Check the permeability prior to each renewed use of the glove.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
Butylrubber, BR, recommended thickness of the material:  $\geq 0,7$  mm, penetration time:  $\geq 480$  min.  
Nitrile rubber, NBR  
Natural rubber, NR  
Chloroprene rubber, CR  
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**  
Change gloves if notice sign of disenchantment.  
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**  
Wear protective goggles with side protection when handling the product openly and when there is a risk of splashing.

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**- Body protection:**

Standard protective clothing. Chemical resistant safety-shoes or boots. If skin contact is possible, wear impenetrable protective clothing against this solvent.

## \* SECTION 9: Physical and chemical properties

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

<b>- Physical state</b>	Fluid
<b>- Colour:</b>	Colourless
<b>- Smell:</b>	Odourless
<b>- Odour threshold:</b>	Not determined.
<b>- Melting point/freezing point:</b>	Not determined
<b>- Boiling point or initial boiling point and boiling range</b>	100 °C (7732-18-5 water, distilled, conductivity or of similar purity)
<b>- Flammability</b>	Not applicable.
<b>- Lower and upper explosion limit</b>	
<b>- Lower:</b>	Not determined.
<b>- Upper:</b>	Not determined.
<b>- Flash point:</b>	Not determined
<b>- Decomposition temperature:</b>	Not determined.
<b>- pH</b>	Not determined.
<b>- pH-value:</b>	ca. 10-11
<b>- Viscosity:</b>	
<b>- Kinematic viscosity</b>	Not determined.
<b>- dynamic:</b>	Not determined.
<b>- Solubility</b>	
<b>- Water:</b>	Fully miscible
<b>- Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>- Vapour pressure at 20 °C:</b>	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)
<b>- Density and/or relative density</b>	
<b>- Density at 20 °C</b>	1,2 g/cm <sup>3</sup>
<b>- Relative density</b>	Not determined.
<b>- Vapour density</b>	Not determined.

**- 9.2 Other information**

<b>- Appearance:</b>	
<b>- Form:</b>	Fluid
<b>- Important information on protection of health and environment, and on safety.</b>	
<b>- Self-inflammability:</b>	Product is not selfigniting.
<b>- Explosive properties:</b>	Product is not potentially explosive
<b>- Evaporation rate</b>	Not determined.

**- Information with regard to physical hazard classes**

<b>- Explosives</b>	Void
<b>- Flammable gases</b>	Void
<b>- Aerosols</b>	Void
<b>- Oxidising gases</b>	Void
<b>- Gases under pressure</b>	Void

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- <b>Flammable liquids</b>	Void
- <b>Flammable solids</b>	Void
- <b>Self-reactive substances and mixtures</b>	Void
- <b>Pyrophoric liquids</b>	Void
- <b>Pyrophoric solids</b>	Void
- <b>Self-heating substances and mixtures</b>	Void
- <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
- <b>Oxidising liquids</b>	Void
- <b>Oxidising solids</b>	Void
- <b>Organic peroxides</b>	Void
- <b>Corrosive to metals</b>	Void
- <b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** see section 10.3
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with acids
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**  
bases  
Reactions with strong oxidising agents.
- **10.6 Hazardous decomposition products:**  
None, if storage and handling is done according to specification.

### 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:**  
LD50: > 5.000 mg/kg (rat, oral)  
LD50 (dermal, Ratte) > 5000 mg/kg
- **Skin corrosion/irritation**  
Slight irritant, but not sufficient to trigger an EC label.  
Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Slight irritant, but not sufficient to trigger an EC label
- **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:**
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**  
The ingredients in this mixture do not meet the criteria for classification as CMR categories according to CLP.

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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:** Fish toxicity: LC50 > 1000 mg/l

## - 12.2 Persistence and degradability

The methods for determining biodegradability are not applicable to inorganic substances.

## - 12.3 Bioaccumulative potential No bioaccumulation

## - 12.4 Mobility in soil No further relevant information available.

## - 12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.- **vPvB:** Not applicable.

## - 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

## - 12.7 Other adverse effects

- **Other information:** Product is a base. It must be specially treated before discharging to drains.- **Additional ecological information:**- **General notes:**

Do not allow to enter drainage system, surface or ground water

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

## SECTION 13: Disposal considerations

## - 13.1 Waste treatment methods

- **Recommendation**

Dispose of used product for recycling or, if possible, for another use. Otherwise dispose of in an authorised waste disposal facility.

- **Waste disposal key number:**

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

- **Uncleaned packagings:** Disposal must be made according to official regulations.- **Recommendation:**

Empty containers completely and send them cleaned for reconditioning or recycling. Dispose of containers only in consultation with local authorities.

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning.

Care should be taken that no other materials get into the packaging.

Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

## SECTION 14: Transport information

## - 14.1 UN number or ID number

- **ADR/RID/ADN, IMDG, IATA**

Void

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- 14.2 UN proper shipping name - ADR/RID/ADN, IMDG, IATA	Void
- 14.3 Transport hazard class(es) - ADR/RID/ADN, IMDG, IATA - Class	Void
- 14.4 Packing group - ADR/RID/ADN, IMDG, IATA	Void
- 14.5 Environmental hazards: - Marine pollutant:	Not applicable. No
- 14.6 Special precautions for user	Not applicable.
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
- Transport/Additional information:	Not dangerous according to the above specifications.
- UN "Model Regulation":	Void

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.

#### - LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)

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

#### - 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

#### - Other regulations, limitations and prohibitive regulations

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

None of the ingredients is listed.

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

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### 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.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- **Department issuing data specification sheet:** see item 1: Informing department

- **Version number of previous version:** 1.00

- **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)

ICAO: International Civil Aviation Organisation

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

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

SVHC: Substance of Very High Concern

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

- **\* Data compared to the previous version altered.**