

# Safety data sheet

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

Printing date 07.01.2020

Version number 2

Revision: 06.01.2020

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

- 1.1 Product identifier
- Trade name: **COELAN Thixotropic agent**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - Identified use: intended for professional use only!
- Application of the substance / the mixture: Additive
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: KEMPER SYSTEM GmbH & Co. KG  
Holländische Strasse 32-36  
34246 Vellmar  
Deutschland / Germany  
Telefon: +49 (0)561 / 8295-0  
Telefax: +49 (0)561 / 8295-5110  
E-Mail: MSDS@KEMPER-SYSTEM.COM
- Further information obtainable from: Research and Development
- 1.4 Emergency telephone number: Giftinformationszentrum der Länder Rheinland-Pfalz und Hessen  
Langenbeckstraße 1; Gebäude 601; 55131 Mainz  
Tel. Nr.: +49 (0)6131 / 19 24 0  
Universitätsmedizin der Johannes Gutenberg-Universität Mainz

### 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.

### SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
- Description: Mixture: consisting of the following components.
- Dangerous components: Void
- 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: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Immediately remove any clothing soiled by the product.  
Do not leave affected persons unattended.  
Personal protection for the First Aider.  
Take affected persons out of danger area and lay down.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.  
Seek medical treatment in case of complaints.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
Protect unharmed eye.
- After swallowing: If symptoms persist consult doctor.
- 4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed: No further relevant information available.

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### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Do not inhale explosion gases or combustion gases.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Avoid contact with skin and eyes.
- **6.2 Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system. Prevent from spreading (e.g. by damming-in or oil barriers). Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.
- **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 disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Protect from frost. Store in dry conditions. Recommended storage temperature: 5-30 °C. Keep container tightly sealed.
- **Storage class:** 13
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
- **Respiratory protection:** When used properly and under normal conditions, breathing protection is not required. Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2. Respiratory protection - Gas filters and combination filters according to (DIN EN 141)

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**- Protection of hands:**



Protective gloves

Check protective gloves prior to each use for their proper condition. Only use chemical-protective gloves with CE-labelling of category III. 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. After use of gloves apply skin-cleaning agents and skin cosmetics.

**- Material of gloves**

Recommended materials:

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.1$  mm

Penetration time (min.):  $< 480$

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.

**- Penetration time of glove material**

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**- Eye protection:**



Tightly sealed goggles

**- Body protection:**

protective clothing (EN 13034)

## SECTION 9: Physical and chemical properties

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

**- General Information**

**- Appearance:**

Form:	Solid
Colour:	White
- Odour:	Odourless
- Odour threshold:	Not determined.

- pH-value: Not applicable.

**- Change in condition**

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	Undetermined.

- Flash point: Not applicable.

- Flammability (solid, gas): Not determined.

- Decomposition temperature: Not determined.

- Auto-ignition temperature: Product is not selfigniting.

- Explosive properties: Product does not present an explosion hazard.

**- Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- Density at 20 °C: 2.2-2.3 g/cm<sup>3</sup>

- Relative density: Not determined.

- Vapour density: Not applicable.

- Evaporation rate: Not applicable.

- Solubility in / Miscibility with water: Insoluble.

- Partition coefficient: n-octanol/water: Not determined.

**- Viscosity:**

Dynamic:	Not applicable.
Kinematic:	Not applicable.

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- 9.2 Other information                      No further relevant information available.

### SECTION 10: Stability and reactivity

- 10.1 Reactivity                              No further relevant information available.
- 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:                      No dangerous decomposition products known.

### SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity                              Based on available data, the classification criteria are not met.
- Primary irritant effect:
- Skin corrosion/irritation                      Based on available data, the classification criteria are not met.
- Serious eye damage/irritation                      Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation                      Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- 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.

### SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity:                              No further relevant information available.
- 12.2 Persistence and degradability                      No further relevant information available.
- 12.3 Bioaccumulative potential                      No further relevant information available.
- 12.4 Mobility in soil                              No further relevant information available.
- Additional ecological information:
- General notes:                              Not hazardous for water.
- 12.5 Results of PBT and vPvB assessment
- PBT:    Not applicable.
- vPvB:    Not applicable.
- 12.6 Other adverse effects                      No further relevant information available.

### SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation                              Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal according to official regulations
- Uncleaned packaging:
- Recommendation:                              Disposal must be made according to official regulations.

### SECTION 14: Transport information

- 14.1 UN-Number
- ADR, ADN, IMDG, IATA                      Void
- 14.2 UN proper shipping name
- ADR, ADN, IMDG, IATA                      Void

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- 14.3 Transport hazard class(es) - ADR, ADN, IMDG, IATA - Class	Void
- 14.4 Packing group - ADR, IMDG, IATA	Void
- 14.5 Environmental hazards: - Marine pollutant:	No
- 14.6 Special precautions for user	Not applicable.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
- UN "Model Regulation":	Void

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

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.  
The safety data sheet issued is also compliant with the regulation Annex I of Regulation (EU) no. 453/2010 and Annex II of Regulation (EU) no. 2015/830

- Department issuing SDS:                      research & development
- Contact:    research & development
- Abbreviations and acronyms:              ADR: Accord européen sur le transport 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 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)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative
- Sources    - [www.echa.europa.eu](http://www.echa.europa.eu)  
   - [www.baua.de](http://www.baua.de)  
   IFA: Institute für Occupational Safety and Health of the German Social Accident Insurance:  
   - [www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp](http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp)  
   - [www.dguv.de/ifa/gestis/gestis-dnel-liste](http://www.dguv.de/ifa/gestis/gestis-dnel-liste)
- \* Data compared to the previous version altered.