

## Safety data sheet

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Insu-Tec safety data sheet. This is a translation of the country-specific safety data sheet into a language other than that required by law. This document does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: --.--.----

Version: 1.0

Date previous version: --.--.----

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Date / First version: 17.09.2023

Product: **InsuCore FTL1 dry**

(ID Nr. IC0001-FTL1\_dry/SDB\_DE/EN)

Date of print 21.05.2024

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

#### 1.1. Product identifier

### InsuCore FTL1 (dry)

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

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

Company:

Insu-Tec Deutschland GmbH

Contact address:

Am Ilmer 1  
21444 Vierhöfen  
Germany

Telephone: +49 176 47142513

E-MAIL: [info@insu-tec.de](mailto:info@insu-tec.de)

#### 1.4. Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

### SECTION 2: Hazards Identification

#### 2.1. Classification of the substance or mixture

For the classification of the mixture the following methods have been applied: extrapolation on the concentration levels of the hazardous substances, on basis of test results and after evaluation of experts. The methodologies used are mentioned at the respective test results.

According to Regulation (EC) No 1272/2008 [CLP]

No need for classification according to GHS criteria for this product.

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## 2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

The product does not require a hazard warning label in accordance with GHS criteria.

## 2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]

No specific dangers known, if the regulations/notes for storage and handling are considered.

The product does not contain a substance above legal limits fulfilling the PBT

(persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

Product does not contain a substance above legal limits included in the list established in

accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/Information on Ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Chemical nature

mineral blend

Regulatory relevant ingredients

Reaction products of D-Glucose and C10-C16 (even numbered) alcohols

Content (W/W):  $\geq 0,285\%$  -  $< 0,885\%$

Skin Corr./Irrit. 2

Eye Dam./Irrit. 1

CAS Number: 110615-47-9

H318, H315

REACH registration number: 01-2119489418-23

Specific concentration limit:

Eye Dam./Irrit. 1:  $> 12\%$

Skin Corr./Irrit. 2:  $> 30\%$

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Content (W/W):  $\geq 0,1575\%$  -  $\leq 0,4725\%$

Skin Corr./Irrit. 2

Eye Dam./Irrit. 1

CAS Number: 68891-38-3

Specific concentration limit:

Eye Irrit. 2:  $> 10\%$  -  $< 30\%$

Eye Dam. 1:  $\geq 30\%$

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

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## SECTION 4: First-Aid Measures

### 4.1. Description of first aid measures

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

Wash thoroughly with soap and water

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

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

Symptoms: (Further) symptoms and / or effects are not known so far

Hazards: No hazard is expected under intended use and appropriate handling.

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

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing media

Suitable extinguishing media:

water spray, foam, dry powder, carbon dioxide

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

Endangering substances: nitrogen oxides, carbon oxides

Advice: The substances/groups of substances mentioned can be released in case of fire.

### 5.3. Advice for fire-fighters

Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

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Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

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## SECTION 6: Accidental Release Measures

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

Avoid contact with the skin, eyes and clothing.

### 6.2. Environmental precautions

Do not discharge into drains/surface waters/groundwater.

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

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.

### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

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## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

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

Storage class according to TRGS 510 (originally VCI, Germany): (13) Non-combustible solids

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## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Components with occupational exposure limits

The surveillance of the workplace by exposure measurements may be necessary, in order to prove the efficiency of safety measures, for example ventilation or the need of respiratory protection. Since this requires a specific competency, only accredited laboratories should be contracted. Regarding suitable methods to assess inhalation exposure, the European Standards EN 482, 689 and 14042 are to be considered. In addition, the TRGS 402 has to be observed in Germany.

7631-86-9: Silicon dioxide

OEL 4 mg/m<sup>3</sup> (TRGS 900 (DE)), Inhalable fraction

Colloidal amorphous silica (7631-89-9) including pyrogenic silica and silica produced in a wet process (precipitated silica, silica gel).

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Short Term Exposure Classification: (TRGS 900 (DE)), Inhalable fraction  
 Category II: Substances with a resorptive effect  
 7778-18-9: Calcium sulfate  
 OEL 6 mg/m<sup>3</sup> (TRGS 900 (DE)), Respirable fraction  
 Short Term Exposure Classification: (TRGS 900 (DE)), Inhalable fraction  
 Category II: Substances with a resorptive effect

## 8.2. Exposure controls

### Personal protective equipment

### General safety and hygiene measures

When using, do not eat, drink or smoke. Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.

## SECTION 9: Physical and Chemical Properties

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

State of matter:	solid
Form:	foam
Colour:	grey to dark grey
Odour:	odourless
Flammability:	not flammable
Lower explosion limit:	For solids not relevant for classification and labelling.
Upper explosion limit:	For solids not relevant for classification and labelling.
Flash point:	not applicable, the product is a solid
Auto-ignition temperature:	not applicable
Thermal decomposition:	It is not a self-decompositionable substance.
pH value:	approx. 7,5 - 8,5 (DIN EN ISO 787-9)
Solubility in water:	not soluble
Density:	approx. 0,02 - 0,04 g/cm <sup>3</sup>

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Oxidizing properties

Fire promoting properties:  
 not applicable

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#### Substances and mixtures, which emit flammable gases in contact with water

Formation of flammable gases:

Forms no flammable gases in the presence of water.

#### **Other safety characteristics**

Miscibility with water:

immiscible

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## **SECTION 10: Stability and Reactivity**

### **10.1. Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

Formation of  
flammable gases:

Remarks:

Forms no flammable gases in the  
presence of water.

### **10.2. Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions when stored and handled according to instructions.

The product is stable if stored and handled as prescribed/indicated.

### **10.4. Conditions to avoid**

See SDS section 7 - Handling and storage.

### **10.5. Incompatible materials**

Substances to avoid:

None known during use and storage if used according to instructions.

### **10.6. Hazardous decomposition products**

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## **SECTION 11: Toxicological Information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

#### Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion.

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#### Irritation

Assessment of irritating effects:

Not irritating to the eyes. Not irritating to the skin. May cause slight irritation to the respiratory tract.

Experimental/calculated data:

Skin corrosion/irritation

rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation

rabbit: non-irritant (OECD Guideline 405)

#### Respiratory/Skin sensitization

Assessment of sensitization:

Skin sensitizing effects were not observed in animal studies.

Experimental/calculated data:

Mouse Local Lymph Node Assay (LLNA) mouse: Non-sensitizing. (OECD Guideline 429)

#### Germ cell mutagenicity

Assessment of mutagenicity:

The substance was not mutagenic in bacteria. The substance was not mutagenic in mammalian cell culture.

#### Carcinogenicity

Assessment of carcinogenicity:

Not classified, due to lack of data.

#### Reproductive toxicity

Assessment of reproduction toxicity:

Not classified, due to lack of data.

#### Developmental toxicity

Assessment of teratogenicity:

Not classified, due to lack of data.

#### Specific target organ toxicity (single exposure)

Assessment of STOT single:

The available information is not sufficient for the evaluation of specific target organ toxicity.

#### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

No data available.

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#### Aspiration hazard

not applicable

#### Interactive effects

No data available.

### **11.2. Information on other hazards**

#### Endocrine disrupting properties

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#### Other information

Other relevant toxicity information

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

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## **SECTION 12: Ecological Information**

### **12.1. Toxicity**

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

The product has not been tested.

### **12.2. Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O):

Inorganic product which cannot be eliminated from water by biological purification processes.

### **12.3. Bioaccumulative potential**

Assessment bioaccumulation potential:

Accumulation in organisms is not to be expected.

### **12.4. Mobility in soil**

Assessment transport between environmental compartments:

Volatility: No data available.

Adsorption in soil: No data available.



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## 12.5. Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

## 12.6. Endocrine disrupting properties

Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## 12.7. Other adverse effects

The substance is not listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

## 12.8. Additional information

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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## SECTION 14: Transport Information

### Land transport

ADR

UN number or ID number:	Not classified as a dangerous good under transport regulations
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable

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Environmental hazards:	Not applicable
Special precautions for user	None known

#### RID

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

#### Inland waterway transport

##### ADN

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	None known

#### Transport in inland waterway vessel

Not evaluated

#### Sea transport

##### IMDG

	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

#### Air transport

##### IATA/ICAO

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	Not classified as a dangerous good under transport regulations
UN number or ID number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

#### **14.1. UN number or ID number**

See corresponding entries for "UN number or ID number" for the respective regulations in the tables above.

#### **14.2. UN proper shipping name**

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

#### **14.3. Transport hazard class(es)**

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

#### **14.4. Packing group**

See corresponding entries for "Packing group" for the respective regulations in the tables above.

#### **14.5. Environmental hazards**

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

#### **14.6. Special precautions for user**

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

#### **14.7. Maritime transport in bulk according to IMO instruments**

Maritime transport in bulk is not intended.

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### **SECTION 15: Regulatory Information**

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

Hazardous Incident Ordinance (Germany):

Listed in above regulation: no

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### **SECTION 16: Other Information**

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Assessment of the hazard classes according to UN GHS criteria (most recent version)

Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:

Skin Corr./Irrit.	Skin corrosion/irritation
Eye Dam./Irrit.	Serious eye damage/eye irritation
Eye Irrit.	Eye irritation
Eye Dam.	Serious eye damage
H318	Causes serious eye damage.
H315	Causes skin irritation.

#### Abbreviations

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN = The European Agreement concerning the International Carriage of Dangerous Goods by Inland waterways. ATE = Acute Toxicity Estimates. CAO = Cargo Aircraft Only. CAS = Chemical Abstract Service. CLP = Classification, Labelling and Packaging of substances and mixtures. DIN = German national organization for standardization. DNEL = Derived No Effect Level. EC50 = Effective concentration median for 50% of the population. EC = European Community. EN = European Standards. IARC = International Agency for Research on Cancer. IATA = International Air Transport Association. IBC-Code = Intermediate Bulk Container code. IMDG = International Maritime Dangerous Goods Code. ISO = International Organization for Standardization. STEL = Short-Term Exposure Limit. LC50 = Lethal concentration median for 50% of the population. LD50 = Lethal dose median for 50% of the population. TLV = Threshold Limit Value. MARPOL = The International Convention for the Prevention of Pollution from Ships. NEN = Dutch Norm. NOEC = No Observed Effect Concentration. OEL = Occupational Exposure Limit. OECD = Organization for Economic Cooperation and Development. PBT = Persistent, Bioaccumulative and Toxic. PNEC = Predicted No Effect Level. PPM = Parts per million. RID = The European Agreement concerning the International Carriage of Dangerous Goods by Rail. TWA = Time Weight Average. UN-number = UN number at transport. vPvB = very Persistent and very Bioaccumulative.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.