



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Version: 2

Language: EN

Revision date: 1/10/2013

## 1. Identification of the substance or preparation

### **TECHNOCEL<sup>®</sup> 500-1 DR** dust reduced fibre

REACH registration number: irrelevant

Use of the substance/preparation: The product is intended for professional use.

#### Company/undertaking identification

##### Manufacturer:

CFF GMBH + CO.KG  
Arnstädter Str. 2  
D 98708 Gehren  
Germany

Telephone: +49 36783 882 0  
Telefax: +49 36783 882 252

##### Further remarks: Information

Information Telephone: +49 36783 882 0  
Information Telefax: +49 36783 882 252  
E-mail (competent person): [Reach@cff.de](mailto:Reach@cff.de)  
Website: [www.cff.de](http://www.cff.de)

##### National contact:

Information Telephone:  
Information Telefax:  
E-mail (competent person):  
Website:

##### Emergency telephone:

Telephone: +49 36783 882 200  
+49 (0)172 2189131

##### Dept. responsible for information:

## 2. Hazards identification

Classification/labelling: irrelevant  
Hazard symbols: irrelevant  
R-phrases: irrelevant

##### Critical hazard to man and environment:

Identification is not obligatory.

Please observe the information on the safety data sheet at all times.

Possible harmful effect(s) on human beings and possible symptom(s): Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Labelling (EU-GHS): irrelevant  
Hazard pictograms: irrelevant  
Signal word: irrelevant  
H phrases: irrelevant

### 3. Composition/information on ingredients

#### Chemical characterization (preparation):

Hydrophobic Cellulose, contains aliphatic hydrocarbons

#### Dangerous ingredients:

Process oil

Concentration:

< 35 %

CAS-No.: 64742-56-9

EC-no.: 265-159-2

Classification:



GHS08

Danger

H304 May be fatal if swallowed and enters airways.

#### Additional information:

Full text of H- and R-phrases: see section 16.

### 4. First aid measures

#### General information:

In all cases of doubt, or when symptoms persist, seek medical advice. Symptoms of poisoning may develop several hours following exposure. Victim should be under medical observation for at least 48 hours after exposure.

#### Following inhalation:

Provide fresh air.

#### After skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

#### Following eye contact:

In case of skin irritation, seek medical treatment.

Rinse immediately carefully and thoroughly with eye-bath or water.

Seek medical attention if problems persist.

#### After ingestion:

Caution if victim vomits: Risk of aspiration! Do not induce vomiting.

#### Self-protection of the first aider:

First aid assistant: Pay attention to self-protection!

#### Information to physician:

##### Symptoms:

Following symptoms can occur: shortage of breath. fever. Coughing. Nausea. vomiting.

##### Nature of Hazard:

No information available.

##### Treatment:

Treat symptomatically.

### 5. Fire fighting measures

#### General information:

Extinguishing materials should be selected according to the surrounding area.

**Suitable extinguishing media:**

Foam. Atomized water. Water spray.

**Extinguishing media which must not be used for safety reasons:**

High power water jet.

**Special exposure hazards arising from the substance itself, combustion products, resulting gases:**

Can be released in case of fire: Carbon monoxide. Carbon dioxide. Pyrolysis products, toxic.

**Special protective equipment for fire-fighters:**

Wear a self-contained breathing apparatus and chemical resistant suit.

**Additional information:**

Fire class A: Solid material fires, mainly of organic nature, that normally burn with formation of embers.

---

## 6. Accidental release measures

**Personal precautions:**

Wear respiratory protection when in the presence of vapour, dust, and aerosols.  
See protective measures under point 7 and 8.

**Environmental precautions:**

Do not empty into drains or the aquatic environment.

**Methods for cleaning up:**

Collect mechanically.  
Clean contaminated objects and areas thoroughly observing environmental regulations.

**Additional information:**

High slip hazard because of leaking or spilled product.

---

## 7. Handling and storage

**Handling****Information for safe handling:**

Avoid generation of dust.

**Technical measures:**

Measures to prevent aerosol and dust accumulation:  
Provide for sufficient ventilation and punctiform suction at critical points.  
Dust should be vacuumed up immediately at the place it occurs.

**Precautions against fire and explosion:**

Product is: Combustible.  
Explosive dust-air mixtures may form.  
Keep away from hot surfaces.  
Before opening the container prepare fire extinguisher.

**Additional information:**

Shafts and sewers must be protected from permeation of the product.

**Storage****Technical measures and storage conditions:**

Keep container tightly closed.  
Keep in a cool, well-ventilated place.

**Packaging materials:**

irrelevant

**Requirements for storerooms and containers:**

Suitable material for Container: steel. polyethylene.

**Information about storage in one common storage facility:**

irrelevant

**Further information concerning storage conditions:**

Protect against: moisture.

Relative room humidity (%): irrelevant

Storage temperature: 0 – 50 °C

storage stability: minimum 1.5 years

Maximum period of storage (time): irrelevant

**Storage class:** 11 Combustible solids.

**Specific use(s):**

irrelevant

## 8. Exposure controls / Personal protection equipment

**Exposure limit values:**

Substance: Cellulose

CAS-No.: 9004-34-6

EC-No.(EINECS/ELINCS): 232-674-9

**Components with workplace or biological limit values to be monitored:**

OEL(AU): 10 mg/m<sup>3</sup>

Source: GESTIS

OEL(CA-QUEBEC): 10 mg/m<sup>3</sup>

Source: GESTIS

OEL(CA-ONTARIO): 10 mg/m<sup>3</sup>

Source: GESTIS

OEL(GB): 10 mg/m<sup>3</sup> inhalable Aerosol ; 4 mg/m<sup>3</sup> respirable aerosol

Source: GESTIS

OEL(NZ): 10 mg/m<sup>3</sup>

Source: GESTIS

OEL(US-OSHA): 15 mg/m<sup>3</sup> Total dust; 5 mg/m<sup>3</sup> respirable dust

Source: GESTIS

**Exposure controls****Occupational exposure controls:**

Respiratory protection required in case of: aerosol or mist generation.

In the case of the formation of dust.

**Respiratory protection:**

Suitable respiratory protective equipment: Combination filter device (DIN EN 141).

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

If the concentration is exceeded, closed-circuit breathing apparatus must be used!

**Hand protection:**

Hand protection: Wear suitable gloves.

Suitable material: PVC (Polyvinyl chloride). NBR (Nitrile rubber).

Type of chemical protective gloves to choose depends on the concentration and quantity of dangerous substances as well as on work place specifications.

**Eye protection:**

Framed glasses

**Skin protection:**

Skin protection: not required.

**Environmental exposure controls:**

refer to chapter 7. No further action is necessary.

**Consumer exposure controls:**

irrelevant

---

## 9. Physical and chemical properties

**Appearance****State of matter:**

fibre

**Paint:**

off white

**Odour:**

like hydrocarbons, aliphatic.

**Safety relevant basis data****pH:**

4.0 – 9.0

**Melting point / melting range:**

not applicable

**Boiling temperature / boiling range:**

not determined

**Flash point:**

not determined

**Flammability:**

irrelevant

**Explosion hazard:**

dust explosive

**Lower explosion limit:**

not determined

**Upper explosion level:**

not determined

**Ignition temperature:**

not determined

**Oxidizing characteristics:**

not oxidizing.

**Vapour pressure:**

not applicable

**Density:**approx. 1.5 g/cm<sup>3</sup>**Solubility in water:**

insoluble

**Fat solubility:**

no data available

**Solubility in:**

no data available

**Distribution coefficient (n-octanol / water) (log P O/W):**

not applicable

**Viscosity:**

not applicable

**Relative vapour density:**

not applicable

**Speed of vaporization/evaporation rate:**

not applicable

**Solvent separation test:**

not applicable

**Solvent content:**

not relevant

**Package density:**

&lt; 120 g/l

**General information:**

irrelevant

---

## 10. Stability and reactivity

**Conditions to avoid:**

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

Decomposition takes place from temperatures above: approx. 200 °C

**Materials to avoid:**

Oxidizing agents, strong

**Hazardous decomposition products:**

not relevant

**Additional information:**

irrelevant

---

## 11. Toxicological information

**Acute toxicity:**

Toxicological data are not available.

**Specific symptoms in laboratory animals:**

No information available.

**Irritation and etching****Irritant effect on the skin:**

slightly irritant but not relevant for classification

**Irritant effect on the eye:**

slightly irritant but not relevant for classification

**Irritant effect on the respiratory tract:**

slightly irritant but not relevant for classification

**Sensitization:**

no danger of sensitization.

**Repeated dose toxicity:**

No information available.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**

No indications of human carcinogenicity exist.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

**Additional information:**

May be fatal if swallowed and enters airways.

**Practical experience:**

No information available.

**Other observations:**

irrelevant

**General remarks:**

Preparation not tested.

---

## 12. Ecological information

**Ecotoxicity:**

No data available

**Mobility:**

No data available

**Persistence and Biodegradation:**

No data available

**Bioaccumulative potential:**

No data available

**Results of PBT assessment:**

This substance does not meet the criteria for classification as PBT or vPvB.

**Other harmful effects:**

No data available

**Further ecological information:**

Do not empty into drains or the aquatic environment.

**Further details:**

irrelevant

---

## 13. Disposal considerations

**Appropriate disposal/Product:**

Waste disposal according to official state regulations.

**Control report for waste code/ waste marking according to EAKV:**

irrelevant

**Waste key product:** 02 03 99 – wastes, nos

**Waste key packaging:** 15 01 06 – mixed packaging

**Contaminated packaging:**

Cleaned containers may be recycled.

**Remark:**

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

---

## 14. Transport information

**Overland transport (ADR/RID)****Official directive for the transport:**

**UN No.:**

**Label:**

**Packing Group:**

**Classification code:**

**Remark:** Not a hazardous material with respect to these transportation regulations.

**Transport by sea (IMDG)****Proper Shipping name:**

**UN-No.:**

**Label:**

**EmS-No:**

**Special**

**Provisions:**

**Packing Group:**

**MFAG:**

**Marine pollutant:**

**Remark:** Not a hazardous material with respect to these transportation regulations.

**Air transport (ICAO-TI / IATA-DGR)****Proper Shipping name:**

**UN/ID-No.:**

**Label:**

**Remark:**

**Packing Group:**

Not a hazardous material with respect to these transportation regulations.

**Mailing:** Not classified for this carrier.

## 15. Regulatory information

**Labeling:**

Classification and labelling follow the criteria described in annex VI of the substance directive (67/548/EEC).

**For this preparation a chemical safety assessment has been carried out:** No

**Danger symbol(s) and danger term(s) for dangerous materials and preparations:**

irrelevant

**Phrases R:** irrelevant

**Phrases S:** irrelevant

**Hazard pictograms:** irrelevant

**Signal word:** irrelevant

**Phrases H:** irrelevant

**Phrases P:**

210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

240 Ground/bond container and receiving equipment.

241 Use explosion-proof electrical/ventilating/lighting/.?/ equipment.

280 Wear protective gloves/protective clothing/eye protection/face protection.

**Hazardous component(s) for labelling:**

irrelevant

**Special labelling of particular preparations:**

irrelevant

**EU-Regulations:**

**Data concerning the Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL):**

irrelevant

**Regulation (EC) No 648/2004 (Detergents regulation):**

irrelevant

**National regulations:**

Moreover, national legislation has to be observed!

**Informations on working limitations:**

irrelevant

**Disturbance Ordinance:**

irrelevant

**Storage class:**

11 Combustible solids.

**Water Hazard Class:**

1 weak water pollutant (WGK 1)

**Technical Instructions on Air Quality (TA-Luft):**

irrelevant



**Further regulations, limitations and legal requirements:**  
irrelevant

---

## 16. Other information

**Wording of the h-phrases under paragraph 3:**  
304 May be fatal if swallowed and enters airways.

**Training instructions:**  
irrelevant

**Recommended restrictions of use:**  
irrelevant

**Further remarks:**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge.

The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

The information cannot be transferred to other products.

In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

**Documentation of changes:**  
| Data changed from previous versions

**Data sources:**  
Data arise from reference works and literature.  
GESTIS  
Directive 67/548/EEC  
Directive 1999/45/EC  
Regulation(EC) 1272/2008 (CLP)

---