



Safety Data Sheet

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

Version: 2

Language: EN

Revision date: 1/11/2013

1. Identification of the substance/mixture and of the company/undertaking

TECHNOCEL[®] 1004-3Z DR technical raw cellulose,

REACH registration number: do not require registration

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

Company/undertaking identification

Supplier

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
Website: 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 of the substance or mixture:
Regulation (EC) No 1272/2008: not relevant
Directive 67/548/EEC: not relevant

Label elements

Labelling according to Regulation (EC) No 1272/2008
not relevant

Labelling according to Directive 67/548/EEC

not relevant

Other hazards

Identification is not obligatory.

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

Adverse human health effects and symptoms Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

3. Composition/information on ingredients**Chemical characterization (preparation):**

Hydrophobic Cellulose, contains aliphatic hydrocarbon

Composition of the substance or mixture

Substance	EG-No.	CAS- No.	INDEX- No.:	REACH- No.	Concentration	Classification EC 1272/2008 (CLP)	Classification 67/548/EEC
Grund oil	265-169-7	64742-65-0	649-474-00-6	not relevant	Max. 30%	Asp. Tox. 1 H 304	not relevant

Ingredients with EC exposure limits:

Substance	EG-No.	CAS- No.	INDEX- No.:	REACH- No.	Concentration	Classification EC 1272/2008 (CLP)	Classification 67/548/EEC
not relevant	not relevant	not relevant	not relevant	not relevant	not relevant	not relevant	not relevant

(The wording of the listed risk phrases is given in Chapter 16)

Additional information

not relevant

4. First aid measures**Description of first aid measures****General information:**

When in doubt or if symptoms are observed, get medical advice.
Symptoms may develop several hours following exposure; medical observation herefore necessary for at least 48 hours.

Following inhalation:

Provide fresh air.
When in doubt or if symptoms are observed, get medical advice.

After skin contact:

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately.
In case of skin irritation, consult a physician

Following eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.
Seek medical attention if problems persist. In case of eye irritation consult an ophthalmologist.

After ingestion:

Observe risk of aspiration if vomiting occurs.
Do not induce vomiting

Self-protection::

First aider: Pay attention to self-protection!

Most important symptoms and effects, both acute and delayed**Symptoms:**

The following symptoms may occur:
Dyspnoea, Fever, Cough Nausea, Vomiting

Nature of Hazard: No information available

Indication of any immediate medical attention and special treatment needed

Emergency aid: Treat symptomatically.
Treatment: Treat symptomatically.

5. Fire fighting measures

General information

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media

Suitable: Water spray Water mist Foam.

Unsuitable: Strong water jet.

Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO₂). Pyrolysis products, toxic

Advice for fire fighters

Special protective equipment for fire-fighters

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

Additional information

Fire class A (Fires of solids, mainly organic nature, which normally burn down under glow forming.).

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Special danger of slipping by leaking/spilling product.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

For emergency responders: See protective measures under point 7 and 8.

Environmental precautions:

Do not allow to enter into surface water or drains.

Methods and materials for containment and cleaning up

Take up mechanically.

Clean contaminated objects and areas thoroughly observing environmental regulations.

References to other sections

See protective measures under point 7 and 8.

7. Handling and storage

Handling

Information for safe handling:

Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be exposed to any process in which this product is used.

It is recommended to design all work processes always so that the following is excluded:

Inhalation of vapours or spray/mists

Inhalation of dust/particles Skin contact

Technical measures:

Provide adequate ventilation as well as local exhaust at critical locations.

Precautions against fire and explosion:

Product is: Combustible.

Keep away from hot surfaces.

Have fire-extinguishers in readiness before opening containers.

Additional information:

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

Recommendations for handling:

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.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Packaging materials:

irrelevant

Requirements for storerooms and containers:

Suitable container/equipment material: Steel, Polyethylene (PE)

Information about storing together in storage facility

not relevant

Further information concerning storage conditions:

Protect against: moisture.

Storage temperature: Do not expose to temperatures above 50 °C.

Relative room humidity (%): irrelevant

storage stability: minimum 2 years

Maximum period of storage (time): irrelevant

Storage class: 11 Combustible solids.**Specific end use(s):**

irrelevant

8. Exposure controls / Personal protection**Limits for occupational exposure**

exposure limit values:

Substance name	CAS No	Source	Occupational Exposure limit value	Limitation of exposure peaks:	Remark:
Cellulose	9004-34-6	GESTIS	10 mg/m		OEL AU
Cellulose	9004-34-6	GESTIS	10 mg/m ³		OEL CA (Ontario)
Cellulose	9004-34-6	GESTIS	10 mg/m ³ inhalable aerosol 4 mg/m ³ respirable aerosol		OEL GB
Cellulose	9004-34-6	GESTIS	10 mg/m ³ inhalable fraction 4 mg/m ³ respirable fraction		OEL IE
Cellulose	9004-34-6	GESTIS	10 mg/m ³ inhalable dust		OEL NZ
Cellulose	9004-34-6	GESTIS	10 mg/m ³ total dust 5 mg/m ³ inhalable aerosol		OEL US (NIOSH)
Cellulose	9004-34-6	GESTIS	15 mg/m ³ total dust 5 mg/m ³ respirable dust		OEL US (OSHA)

EC exposure limit values

Substance name	CAS No	Source	Occupational Exposure limit value	Limitation of exposure peaks:	Remark:
not relevant	not relevant	not relevant	not relevant	not relevant	not relevant

DNEL and PNEC values**DNEL values**

Substance	CAS-No.	DNEL / DMEL	Industry	Professional	consumer
not relevant	not relevant	not relevant	not relevant	not relevant	not relevant

PNEC values

Substance	CAS-No.	PNEC	Worker, Industry	Worker, Professional	consumer
not relevant	not relevant	not relevant	not relevant	not relevant	not relevant

Control-Banding

not relevant

Additional information

not relevant

Exposure controls

Occupational exposure controls

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Chemical handling

When using do not eat, drink, smoke, sniff.

Personal protection equipment

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Respiratory protection:

Suitable respiratory protection apparatus: Combination filtering device (DIN EN 141)

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

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, self-contained breathing apparatus must be used.

Hand protection:

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

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Eye protection:

. Eye glasses with side protection

Skin protection:

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Environmental exposure controls:

See chapter 7. No additional measures necessary

Consumer exposure controls:

irrelevant

Exposure scenario

not relevant

9. Physical and chemical properties

Appearance

State of matter:

fiber

Colour:

grey

Odour:

like: Hydrocarbons, aliphatic

Odour threshold:

no data available

Safety relevant basis data

Density

approx. 1,5 g/cm³

pH:

6 - 9

Melting point / melting range:

not applicable

Boiling temperature / boiling range:

not determined

Flash point:	not determined
Flammability:	not determined
Lower flammability limit:	No data available
Upper flammability limit:	No data available
Explosion hazard:	explosive
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Ignition temperature:	no data available
Decomposition temperature:	no data available
Oxidizing characteristics:	not oxidizing
Vapour pressure:	not determined
Solubility in water:	insoluble
Fat solubility:	insoluble
Solubility in water:	irrelevant
log P O/W (n-octanol / water):	this information is not available
Viscosity:	not applicable
Relative vapour density:	not determined
Speed of vaporization/evaporation rate:	not determined
Solvent separation test:	not relevant
Solvent content:	not relevant
Package density:	< 90 g/l
Other information	
Mixture not tested	

10. Stability and reactivity

Reactivity

not relevant

Chemical stability

not relevant

Possibility of hazardous reactions

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

Conditions to avoid

Do not expose to temperatures above 50 °C.

Protect against direct sunlight.

Incompatible materials

Oxidising agent, strong

Hazardous decomposition products

not relevant

Additional information

not relevant

11. Toxicological information

Information on toxicological effects

Toxicological data are not available.

Acute toxicity:

Substance	CAS-No.	Toxicological information
not relevant	not relevant	not relevant

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.

Etching

not corrosive

Sensitization:

not sensitization.

Repeated dose toxicity:

No information available

CMR effects**Carcinogenicity**

No indication of human carcinogenicity.

Mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

No indications

General remarks:

Damage can be caused through mechanical influence of the product (e.g. sticking).

Practical experience

No information available.

Other observations

not relevant

Additional information

May be fatal if swallowed and enters airways.

12. Ecological information

Toxicity

There are no data available on the mixture itself.

Ecotoxicity:

Substance	CAS-No.	Ecotoxicity
not relevant	not relevant	not relevant

Mobility in soil:

There are no data available on the mixture itself.

Persistence and degradability

There are no data available on the mixture itself.

Bio accumulative potential:

There are no data available on the mixture itself.

Results of PBT assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

Other adverse effects:

There are no data available on the mixture itself.

Further ecological information:

Do not allow to enter into surface water or drains.

Further details:

not relevant

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:

Completely emptied packings can be re-cycled.

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)**

Proper Shipping name

UN No.:**Label:****Packing Group:****Classification code:****Remark:**

No dangerous good in sense of this transport regulation.

Transport by sea (IMDG)

Proper Shipping name:

UN-No.:**Label:****EmS-No:****Special****Provisions:****Remark:****Packing Group:****MFAG:****Marine pollutant:**

. No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI / IATA-DGR)

Proper Shipping name:

UN/ID-No.:**Label:****Packing Group:****Remark:** No dangerous good in sense of this transport regulation.**Mail:** Not classified for this transport way.

15. Regulatory information

Labeling:Hazardous component(s) for labelling
not relevant**Special labelling of particular preparations**

not relevant

Safety, health and environmental regulations/legislation specific for the substance or mixture**EU-Regulations:****Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL):**
not relevant**Regulation (EC) No 2037/2000 on substances that deplete the ozone layer**
not relevant**Regulation (EC) No 850/2004 on persistent organic pollutants**
not relevant**Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals**
not relevant**Regulation (EC) No 648/2004 (Detergents regulation)**
not relevant**Restrictions under Title VIII of Regulation (EC) No 1907/2006**
not relevant**National regulations:**

Moreover, national legislation has to be observed!

Informations on working limitations:
not relevant**Major accidents Ordinance:**
not relevant**Storage class:**
11 Combustible solids.**Water Hazard Class according to VwVwS**
1 weak water pollutant (WGK 1)**Technical Instructions on Air Quality (TA-Luft):**
not relevant**Further regulations, limitations and legal requirements:**
not relevant

Chemical safety assessment

For this preparation a chemical safety assessment has been carried out:

No

16. Other information**Wording of the H and R-phrases under paragraph 3****Regulation (EC) No 1272/2008**

304 May be fatal if swallowed and enters airways.

Directive 67/548/EEC

not relevant

Training instructions

not relevant

Recommended restrictions of use

not relevant

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 compared with the previous version

Data sources

Data arise from reference works and literature.

GESTIS- substances database

Directive 67/548/EEC

Directive 1999/45/EC

Regulation (EC) 1272/2008 (CLP)

Key and definition

not relevant

17. Appendix**Exposure scenario**

not relevant