



## SECTION 1. Identification of the substance/mixture and of the company/enterprise

### 1.1. Product identifier

Product name : FIBROXCEL 10  
Product code: refer to sales department

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

Filtration adjuvants  
Sectors of use:  
Industrial Manufacturing[SU3], Manufacture of food products[SU4], Public domain (administration, education, entertainment, services, craftsmen)[SU22]  
Product category:  
Process aid for food-limited use  
Not recommended uses  
Do not use for purposes other than those listed

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

AEB BIOCHEMICAL USA  
111 N Cluff Avenue  
Lodi CA 95240 (USA)  
Tel: +1 2096258139 Fax: +1 2092248953  
Email: [info@aebusa.com](mailto:info@aebusa.com) - Internet: [www.aeb-group.com](http://www.aeb-group.com)

Produced by  
AEB SpA  
Via Vittorio Arici 104 S. Polo  
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### 1.4. Emergency telephone number

Centralino/Switchboard/Telefonzentrale: +1 2096258139

## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Non hazardous

Pictograms:

None

Hazard Class and Category Code(s):

Non hazardous

Hazard statement Code(s):

Non hazardous

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

None

Hazard statement Code(s):

Non hazardous

Supplemental Hazard statement Code(s):

not applicable



Precautionary statements:

None in particular.

Contains:

PERLITE, CELLULOSE

Only for professional use

For limited use in foodstuffs: enological use

**2.3. Other hazards**

The substance / mixture does NOT contain substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

**SECTION 3. Composition/information on ingredients**

**3.1 Substances**

Irrilevant

**3.2 Mixtures**

No dangerous substance to report.

| Substance | Concentration | Classification | Index | CAS        | EINECS    | REACH |
|-----------|---------------|----------------|-------|------------|-----------|-------|
| PERLITE   | > 50 <= 100%  |                |       | 93763-70-3 | 618-970-4 |       |
| CELLULOSE | > 1 <= 10%    |                |       | 9004-34-6  | 232-674-9 |       |

**SECTION 4. First aid measures**

**4.1. Description of first aid measures**

Inhalation:

Ventilate the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or medicinal mineral vaseline oil.

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

No data available.

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

No data available.

**SECTION 5. Firefighting measures**



### **5.1. Extinguishing media**

Suggested extinguishing media:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing media to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

### **5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective clothing.

The water spray can be used to protect the people involved in the extinction.

You may also use self-contained breathing apparatus, especially when working in confined and poorly ventilated areas and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

## **SECTION 6. Accidental release measures**

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

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provide a sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

### **6.2. Environmental precautions**

Contain spills

Inform the competent authorities.

Dispose of the waste material in compliance with the regulations

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

6.3.1 Containment:

Recover the product for reuse, if possible, or for elimination.

6.3.2 Cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

### **6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

## **SECTION 7. Handling and storage**

### **7.1. Precautions for safe handling**

At work do not eat or drink.

See also paragraph 8 below.



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

Keep in original container closed tightly. Do not store in open or unlabelled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Store in a cool and dry place, away from heat sources and direct exposure to sunlight.

**7.3. Specific end use(s)**

Industrial Manufacturing:

Handle with extreme caution.

Store in a well ventilated place away from heat sources.

Manufacture of food products:

Handle with care.

Store in a clean, dry, ventilated area away from heat and direct sunlight.

Keep container tightly closed.

Public domain (administration, education, entertainment, services, craftsmen):

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

**SECTION 8. Exposure controls/personal protection**

**8.1. Control parameters**

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Related to contained substances:

PERLITE:

inorganic powders

Std: ACGIH (American Conference of Governmental Industrial Hygienists).

VL - 8 hours: 3 mg/m<sup>3</sup> inhaled dust

CELLULOSE:

Not applicable

DNEL: not applicable

PNEC: not applicable

**8.2. Exposure controls**



Appropriate engineering controls:

Industrial Manufacturing:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

Manufacture of food products:

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

Public domain (administration, education, entertainment, services, craftsmen):

No specific monitoring foreseen (act according to good practice and specific rules for the type of risk associated)

Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Not required when proper ventilation is provided. Alternatively use protective mask

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

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Related to contained substances:

PERLITE:



Minimise generation of airborne dust. Use containment structures of the processes, ventilation intake local or other technical controls to keep airborne levels below exposure limits. If the operations user generate dust, fume or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organizational measures, such as isolating personnel from dusty areas. Remove and wash soiled clothing.

**Respiratory protection**

In case of prolonged exposure to concentrations of airborne dust, wear respiratory protection meeting the requirements of European or national legislation.

**Hand protection**

For prolonged or repeated skin contact, use suitable protective gloves. We recommend the use of PVC or rubber gloves.

**Eye protection**

Use protection for the eyes. We recommend the use of goggles or face shield. When working with this product avoid wearing contact lenses.

**Hygiene measures**

Do not eat, drink or smoke during use. Wash at the end of each work shift and before eating, smoking or using the toilet. Use appropriate skin cream to prevent drying of skin.

**Skin protection**

No specific requirements. For workers who suffer from dermatitis or sensitive skin, it is recommended that appropriate protection (eg. Protective clothing, barrier creams).

**SECTION 9. Physical and chemical properties**

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

| Physical and chemical properties             | Value                      | Determination method |
|--|----------------------------|----------------------|
| Appearance                                   | white powder               |                      |
| Odour  | not determined             |                      |
| Odour threshold                              | not determined             |                      |
| pH   | 7,0 ± 1,0 (20°C; Sol. 10%) |                      |
| Melting point/freezing point                 | not applicable             |                      |
| Initial boiling point and boiling range      | not applicable             |                      |
| Flash point                                  | irrelevant                 | ASTM D92             |
| Evaporation rate                             | irrelevant                 |                      |
| Flammability (solid, gas)                    | irrelevant                 |                      |
| Upper/lower flammability or explosive limits | irrelevant                 |                      |
| Vapour pressure                              | irrelevant                 |                      |
| Vapour density                               | irrelevant                 |                      |
| Relative density                             | 0,20 ± 0,01 (20°C)         |                      |
| Solubility                                   | not applicable             |                      |
| Water solubility                             | not applicable             |                      |
| Partition coefficient: n-octanol/water       | not determined             |                      |
| Auto-ignition temperature                    | irrelevant                 |                      |
| Decomposition temperature                    | irrelevant                 |                      |
| Viscosity                                    | not applicable             |                      |
| Explosive properties                         | irrelevant                 |                      |
| Oxidising properties                         | irrelevant                 |                      |



## 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: CELLULOSE: not applicable

(b) skin corrosion/irritationCELLULOSE: Non corrosive

CELLULOSE: Non-irritating

(c) serious eye damage/irritation: CELLULOSE: Non-irritating

(d) respiratory or skin sensitization: CELLULOSE: Non-sensitizing

(e) germ cell mutagenicity: CELLULOSE: Not applicable

(f) carcinogenicity: CELLULOSE: Not applicable

(g) reproductive toxicity: CELLULOSE: Not applicable

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.

(i) specific target organ toxicity (STOT) repeated exposureCELLULOSE: Not applicable

(j) aspiration hazard: based on available data, the classification criteria are not met.

Health Hazards:



Eye contact: Accidental contact of product with eyes may cause irritation.

Skin Contact: Product is not an irritant. Prolonged or repeated contact may defeat and irritate the skin and cause dermatitis in some cases.

Ingestion: The ingested product may cause irritation of the mucous membranes of the throat and digestive system leading to digestive symptoms and abnormal bowel disorders.

Inhalation: Prolonged exposure to vapours or mists of product may cause respiratory irritation.

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Related to contained substances:

PERLITE:

General: This product has low toxicity. It can be harmful to health only in large quantities.

Inhalation: High concentrations of dust may irritate the respiratory tract.

Ingestion: If accidentally ingested amount should not cause any damage.

Skin contact: Prolonged contact can cause dry skin.

Contact with eyes: Particles in the eyes may cause irritation and burning.

CELLULOSE:

Not applicable

For mechanical effect on the part of the product (e.g. appiccature) may be damaged.

## SECTION 12. Ecological information

### 12.1. Toxicity

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Related to contained substances:

PERLITE:

components of the product are not classified as dangerous for the environment. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging the environment.

Use according to good working practices and avoid to disperse the product into the environment.

### 12.2. Persistence and degradability

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Related to contained substances:

PERLITE:

The product is not biodegradable.

### 12.3. Bioaccumulative potential

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Related to contained substances:

PERLITE:

The product contains no substance considered bioaccumulative.

CELLULOSE:

There is evidence of bioaccumulation potential.

### 12.4. Mobility in soil

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Related to contained substances:

PERLITE:

The product is insoluble in water.

### 12.5. Results of PBT and vPvB assessment

The substance / mixture does NOT contain substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### 12.6. Other adverse effects

No adverse effects



## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Operate according to local or national regulations

## SECTION 14. Transport information

### 14.1. UN number

Not included in the field of application of regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

### 14.2. UN proper shipping name

None

### 14.3. Transport hazard class(es)

None

### 14.4. Packing group

None

### 14.5. Environmental hazards

None

### 14.6. Special precautions for user

No data available.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and IBC Code

Transport in bulk is not foreseen

## SECTION 15. Regulatory information

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

Leg. 3/2/1997 n. 52 (Classification, packaging and labeling of dangerous substances). Decree No. 14/3/2003. 65 (Classification, packaging and labeling of dangerous substances). Leg. 2/2/2002 n. 25 (risks related to chemical agents at work). Ministerial Decree Jobs 26/02/2004 (occupational exposure limits); DM 04/03/2007 (Implementation of Directive no. 2006/8/EC). Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP), Regulation (EC) n.790/2009.D.Lgs. September 21, 2005 n. 238 (Seveso Directive Ter).





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### **15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

## **SECTION 16. Other information**

### **16.1. Other information**

Classification based on data of all mixture components

Main normative references:

Directive 1999/45/EC.

Directive 2001/60/EC.

Regulation 1272/2008/EC.

Regulation 2010/453/EC.

This msds was made in good faith by AEB technical Office on the basis of the information available at the date of the last revision. The person in charge must regularly inform the employees about the specific risks they encounter when using this substance/product. The information contained here relate only to the substance/the preparation indicated and may not apply if the product is used improperly or in combination with others. Nothing contained herein shall be construed as a guarantee, either express or implied. It is the responsibility of the user to ensure the opportunities and completeness of the information contained herein for their own particular use.

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Changes to the previous edition: conformità Reg.830

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