

SECTION 1: Identification**1.1. Identification**

Product form : Mixtures
Trade name : CAFCO CELLU-SHIELD

1.2. Recommended use and restrictions on use

Use of the substance/mixture : For professional use only
Recommended use : Cellulose Insulation

1.3. Supplier

United States Mineral Products Company dba Isolatek International
41 Furnace Street
Stanhope NJ 07874
Toll Free: 1 800 631 9600
Reach@isolatek.com

1.4. Emergency telephone number

Emergency number : CHEMTREC 1 800 424 9300 (North America), +1 703 527 3887 (International)

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

Not classified

2.2. GHS Label elements, including precautionary statements**GHS US labeling**

No labeling applicable

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : None known.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Pulp, cellulose	CAS-No.: 65996-61-4	≥ 80	Not classified

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash with water and soap as a precaution. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Seek medical attention if ill effect or irritation develops.
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting. If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Dust may cause mechanical irritation.
Symptoms/effects after eye contact	: Dust may cause mechanical irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None known.

5.2. Specific hazards arising from the chemical

Fire hazard	: On combustion forms: Carbon oxides (CO, CO ²).
Explosion hazard	: No hazard identified.
Hazardous decomposition products in case of fire	: Thermal decomposition may produce : Carbon oxides (CO, CO ²).

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: No special requirements.
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6.1.1. For non-emergency personnel

Protective equipment	: No special protection required.
Emergency procedures	: No additional risk management measures required.

6.1.2. For emergency responders

Protective equipment	: No special protection required.
Emergency procedures	: No additional risk management measures required.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Contain and collect as any solid.
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal.
Other information	: Dispose of materials or solid residues at an authorized site.



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6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Avoid dust formation. Prevent dust accumulation generated from mechanical handling. Avoid open flames.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Use good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of reach of children. Keep only in the original container in a cool well ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials : Strong oxidizing agents. Strong reducing agents. Chlorates. Nitrates.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Cafco Cellu-Shield

USA - OSHA - Occupational Exposure Limits

Local name	Particulates not otherwise regulated
OSHA PEL (TWA) [1]	5 mg/m ³ (respirable dust) (15 mppcf) 15 mg/m ³ (respirable dust) (50 mppcf) 15 mg/m ³ (total dust, organic and inorganic) (50 mppcf)
Remark (OSHA)	Respirable dust: Note: Includes all inert or nuisance dusts, whether mineral, inorganic, not listed specifically in 29 CFR 1910.1000. Total dust: OSHA Construction and Maritime Industry PEL for PNOR
Regulatory reference (US-OSHA)	OSHA

Pulp, cellulose (65996-61-4)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : None under normal use. Normal use of this product shall imply use in accordance with the instructions on the packaging.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

dry leather gloves

Eye protection:

Where excessive dust may result, wear goggles

Respiratory protection:

Where excessive dust may result, wear approved mask

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Personal protective equipment symbol(s):



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Fibers.
Color	: Gray
Odor	: Odorless
Odor threshold	: No data available
pH	: 6 – 8
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: ≥ 550 °F (@ 287.8 °C)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Protect from moisture. Avoid open fire or flames.

10.5. Incompatible materials

Strong oxidizing agents. Strong reducing agents. Chlorates. Nitrates.

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10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. In case of fire: Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 6 – 8
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 6 – 8
Respiratory or skin sensitization	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (On basis of test data)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Viscosity, kinematic	: Not applicable
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			



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DOT	TDG	IMDG	IATA
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

according to US HazCom 2012

Revision date : 26 October 2022

Other information : None.

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

