



Cellulose Insulation

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Revision date: 11/16/2024

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

1.1. Product identifier

Trade name : Cellulose Insulation

Product code : n/a

Chemical name : Not applicable - Mixture

CAS RN : Not applicable - Mixture

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

Use of the substance/mixture : Insulation material

Use advised against : None identified

1.3. Details of the supplier of the safety data sheet

CleanFiber, LLC
250 Lake Avenue
Blasdell, NY 14219
Tel: 1-888-616-8393

1.4. Emergency telephone number

Emergency number : 1-888-616-8393 ext 39
Mon - Fri 7:30 AM- 4 PM (EST)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification: Non Hazardous

2.2. Label elements

Labelling

Hazard pictograms : None

Signal word : None

Hazard statements : None

Precautionary statements

Do not handle until all safety precautions have been read and understood
Wear eye protection, protective gloves
If exposed or concerned: Get medical advice/attention
Store locked up
Dispose of contents/container to comply with applicable local, national and international regulation

2.3. Other hazards

Other hazards which do not result in classification : None known

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2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%
Pulp, cellulose	(CAS No) 65996-61-4	> 88
Mineral Oil	(CAS No) 8042-47-5	< 2
Proprietary borate-based flame retardants	(CAS No) trade secrets	< 12

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets.

This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (l)(1).

Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Unlikely route of exposure. Dust from processing: go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Remove and isolate contaminated clothing and shoes. For skin contact, wash immediately with soap and water. Get medical attention if symptoms occur. Get medical attention if irritation develops and persists. For minor skin contact, avoid spreading material on unaffected skin.
First-aid measures after eye contact	: Unlikely route of exposure. Do not rub the eyes. In case of contact with dust or fume: Immediately rinse with water for a prolonged period (at least 15 minutes) while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
First-aid measures after ingestion	: Unlikely route of exposure. Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. Rinse mouth. May result in obstruction and irritation if ingested. Get medical attention. Do not induce vomiting unless directed to do so by medical personnel.

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

Symptoms/injuries after eye contact : Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort.

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

Treat symptomatically. Contact poison specialist if product has been ingested.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water or any other agents that are rated for a wood fire (Type A).

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

No additional information available. Avoid generation of dust; fine dust dispersed in air in sufficient concentration, and in the presence of an ignition source is a potential dust explosion hazards. When heated, hazardous gases may be released including sulfur dioxide.

5.3. Advice for firefighters

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Dust from processing: Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : No special precautions for large product fragments. For dust cleanup use protective equipment. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Avoid dispersal of dust in the air (i.e. cleaning dust surfaces with compressed air). In case of formation of dust during processing, Non-sparking tools should be used.

6.4. Reference to other sections

For personal protection see section 8. For disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure proper ventilation of the workstation. Wear personal protective equipment. In the case of formation of dust during processing, routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Provide adequate precautions, such as electrical grounding and bonding or inert atmospheres.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store level and keep dry. Dewpoint or other conditions causing the presence of moisture can damage the product during storage. Odorous and toxic fumes may form from the decomposition of this product if stored at temperatures in excess of 113 °F for extended periods of time or if heat sources in excess of 180 °F are used.

Incompatible materials : Chlorates, nitrates, strong oxidizers, and reducing agents.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ACGIH	ACGIH TLV (mg/m ³)	2 mg/m ³ Remark: Upper Respiratory Tract Irritation
ACGIH	ACGIH STEL (mg/m ³)	6 mg/m ³ Remark: Upper Respiratory Tract Irritation
OSHA	OSHA PEL (TWA) (mg/m ³)	10 mg/m ³

8.2. Exposure controls

Appropriate engineering controls : In the case of formation of dust during processing: It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in the handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust dust, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area.

Personal protective equipment : Safety glasses. Gloves.



Hand protection : In case of repeated or prolonged contact wear gloves. (Nitrile rubber, Butyl rubber)

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Eye protection	: Safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Dust from processing: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.
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	: Milled fiber
Color	: Brownish gray
Odor	: Cardboard fiber
Odor threshold	: Not applicable
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: < 1 mm Hg
Relative vapor density at 20 °C	: No data available
Bulk density	: 1.5 lb/ft ³ (ASTM C739)
Solubility	: Insoluble in Water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity	: Not applicable
Explosive properties	: No data available
Oxidising properties	: Not applicable
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None known

10.2. Chemical stability

The product is stable at normal handling and storage condition

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Moisture. Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

10.5. Incompatible materials

Chlorates, nitrates, strong oxidizers, and reducing agents.

10.6. Hazardous decomposition products

In the case of combustion may emit Carbon monoxide, Carbon dioxide, Sulfur oxides, Aldehydes.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
(Based on available data, the classification criteria are not met)

LD50 oral rat	4500-5500 mg/kg
LC50 inhalation rat (mg/l)	> 2.04 mg/l (4 hours)
LD50 dermal rat (mg/l)	No data available

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

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 : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Reproductive toxicity : May damage fertility or the unborn child.

Specific target organ toxicity (single exposure) : Not classified
(Based on available data, the classification criteria are not met)

Specific target organ toxicity (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)

Symptoms/injuries (Toxicity effects) : No additional information

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer : No additional information available

Effect on the global warming : No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Reuse or recycle material wherever possible. If reuse or recycling not possible, disposal must be made according to local or governmental regulations.

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to comply with applicable local, national and international regulations.

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

SECTION 14: Transport information

In accordance with DOT

Not regulated

Transport by sea (IMDG)

Not regulated

Air transport (IATA/ICAO)

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

No additional information available

15.3. US State regulations

Subject to Massachusetts, Pennsylvania and New Jersey Right to Know Act.

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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SECTION 16: Other information

Indication of changes : 3-Composition/information on ingredients
4-First aid measures
5-Firefighting measures
7-Handling and storage
9-Physical and chemical properties
10-Stability and reactivity

Revision date : 05/13/2019

Abbreviation

ACGIH : American Conference of Government Industrial Hygienists
CFR : Code of Federal Regulation
DOT : Department Of Transportation
IARC : International Agency for Research on Cancer
IATA : International Air Transport Association
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LC50 : Lethal Concentration, 50%
LD50 : Lethal Dose, 50%
NIOSH : National Institute for Occupational Safety and Health
NTP : National Toxicology Program
OSHA : Occupational Safety and Health Administration
PEL : Permissible Exposure Limit
PPE : Personal Protective Equipments
STEL : Short-term Exposure Limit
TLV : Threshold Limit Value
TSCA : Toxic Substances Control Act
TWA : Time-Weighted Average

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