SPILFYTER Products Cellulose-Based Sorbents

Safety Data Sheet

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SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: SPILFYTER Products Cellulose-Based Sorbents

1.2. Intended Use of the Product

Use of the Substance/Mixture: Absorbent material.

1.3. Name, Address, and Telephone of the Responsible Party

Company

FyterTech
2121-B American Boulevard
De Pere, WI 54115
800-558-5066
email: cs@fytertech.com

1.4. Emergency Telephone Number

Emergency Number : (800) 424-9300 (USA); +1 (703) 527-3887 (International and Maritime) CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Comb. Dust

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US Labeling

Signal Word (GHS-US) : Warning

Hazard Statements (GHS-US) : May form combustible dust concentrations in air when further processed.

Supplemental Information : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Proper grounding procedures to avoid static electricity should be followed. Prevent dust accumulation (to minimize explosion hazard). Avoid generating dust.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
Rayon	RAYON / regenerated cellulose	(CAS-No.) 61788-77-0	14 – 28	Comb. Dust
Cellulose	Microcrystalline cellulose / CELLULOSE / Cellulose, microcrystalline / MICROCRYSTALLINE CELLULOSE	(CAS-No.) 9004-34-6	14 – 28	Comb. Dust
Poly(oxy-1,2-ethanediyloxycarbonyl-1,4-phenylenecarbonyl)	Mylar / Lavsan / Polyethylene terephthalate / Poly(ethylene terephthalate) / POLYETHYLENE TEREPHTHALATE / PET / Ethyleneglycol/terephthalic acid copolymer / polyethylene terephthalate (intrinsic viscosity 0.70-1.00)	(CAS-No.) 25038-59-9	14 – 21	Comb. Dust
Cellulose, acetate	Cellulose acetate / CELLULOSE ACETATE / Acetyl cellulose / cellulose acetate	(CAS-No.) 9004-35-7	14 – 21	Comb. Dust

Polypropylene	1-Propene, homopolymer / Polypropylene wax / POLYPROPYLENE / Polypropyl-1-ene / Polypropylene homopolymer / Polypropylene and polypropylene wax / Propylene homopolymer / Polymer of prop-1-ene / Amberlite(tm)14i inert resin	(CAS-No.) 9003-07-0	20	Comb. Dust
2-Propenoic acid, 2-methyl, monoester with 1,2-propanediol, polymer with methyl 2-propenoate, 2-propenoic acid and sodium 2-propenoate	Acrylic acid, sodium salt, co-polymer with acrylic acid, methyl ester, methacrylic acid, 2 hydroxypropylester, and acrylic acid cross-linked / Crosslinked acrylate copolymer, partially neutralised to sodium salt /	(CAS-No.) 117675-55-5	10	Comb. Dust
Nylon 6	6-Aminohexanoic acid homopolymer / Hexahydro-2H-azepin-2-one homopolymer / Nylon-6 / Poly(iminocarbonylpentamethylene) / Poly[imino(1-oxo-1,6-hexanediyl)] / .epsilon.-Caprolactam polymer / Nylon 6 resin / NYLON-6 / Poly(hexahydro-2H-azepine-2-one) / Polycaprolactam / Capron / Polyamide 6 resin / Polyamide 6 / Caprolactam homopolymer / Poly[imino(1-oxohexane-1,6-diyl)] / policapram	(CAS-No.) 25038-54-4	≤ 7	Comb. Dust
Ethene, homopolymer	Polyethylene / Ethene polymer / Ethylene homopolymer / Ethylene polymer / Polythene / Polyethylene wax / POLYETHYLENE / Polyethylene and polyethylene wax / Polymer of ethene	(CAS-No.) 9002-88-4	≤ 4	Comb. Dust

Full text of H-phrases: see section 16

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 (show the label where possible).

First-aid Measures After Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Not expected to present a significant hazard under anticipated conditions of normal use. If symptoms occur: Wash affected areas with soap and water. Obtain medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Not expected to present a significant eye contact hazard under anticipated conditions of normal use. If symptoms occur: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/Injuries After Inhalation: Not expected to be a primary route of exposure. Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Not expected to present a significant hazard under anticipated conditions of normal use. Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Not expected to be a primary route of exposure. May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Not expected to be a primary route of exposure. Ingestion may cause adverse effects.

Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO_2), alcohol-resistant foam, or dry chemical. Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive. Contains substances that are combustible dusts. If the product is processed and dusts are generated and become dispersed with an ignition source, this may cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO_2). Nitrogen oxides.

Other Information: Fine dust dispersed in air may ignite.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin and clothing. Avoid generating dust. Avoid breathing dust.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams. Avoid generation of dust during clean-up of spills.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Avoid generation of dust during clean-up of spills. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Contains substances that are combustible dusts. If the material is further processed and dust is allowed to accumulate, may form combustible dust concentrations in air that could ignite and cause an explosion. This product is intended to cleanup liquid spills of various materials. Ensure proper precautions are taken to avoid exposure to spilled material, ensure the SDS of the spilled material is referenced and appropriate cleanup procedures are followed.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust. Avoid creating or spreading dust.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Absorbent material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Cellulose (9004-34-6)		
USA ACGIH	ACGIH OEL TWA	10 mg/m³
USA NIOSH	NIOSH REL (TWA)	10 mg/m³ (total dust) 5 mg/m³ (respirable dust)
USA OSHA	OSHA PEL (TWA) [1]	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)

8.2. Exposure Controls

Appropriate Engineering Controls : Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment : Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

Materials for Protective Clothing : Not generally required, if conditions warrant: Chemically resistant materials and fabrics.

Hand Protection : Not generally required, if conditions warrant: Wear protective gloves.

Eye and Face Protection : Not generally required, if conditions warrant: Chemical safety goggles.

Skin and Body Protection : Not generally required, if conditions warrant: Wear suitable protective clothing.

Respiratory Protection : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State : Solid

Appearance : No data available

Odor : Odorless

Odor Threshold : No data available

pH : No data available

Evaporation Rate : No data available

Melting Point : No data available

Freezing Point : No data available

Boiling Point : No data available

Flash Point : No data available

Auto-ignition Temperature : No data available

Decomposition Temperature : No data available

Flammability (solid, gas) : No data available

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 : No data available

Viscosity : No data available

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4. Conditions to Avoid: Incompatible materials. Excessive heat >149 °C.

10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products: Thermal decomposition may produce: Carbon oxides (CO, CO_2). Nitrogen oxides. Irritating fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

Ethene, homopolymer (9002-88-4)	
LD50 Oral Rat	> 8000 mg/kg

Cellulose (9004-34-6)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5800 mg/m³ (Exposure time: 4 h)

Cellulose, acetate (9004-35-7)	
LD50 Oral Rat	> 5 g/kg

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Polypropylene (9003-07-0)	
IARC group	3

Ethene, homopolymer (9002-88-4)	
IARC group	3

Nylon 6 (25038-54-4)	
IARC group	3

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Not expected to be a primary route of exposure. Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Not expected to present a significant hazard under anticipated conditions of normal use. Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Not expected to be a primary route of exposure. May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Not expected to be a primary route of exposure. Ingestion may cause adverse effects.

Chronic Symptoms: None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Not classified.

12.2. Persistence and Degradability

SPILFYTER Products Cellulose-Based Sorbents	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

SPILFYTER Products Cellulose-Based Sorbents	
Bioaccumulative Potential	Not established.

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. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

SPILFYTER Products Cellulose-Based Sorbents	
SARA Section 311/312 Hazard Classes	Physical hazard - Combustible dust

Polypropylene (9003-07-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Ethene, homopolymer (9002-88-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Poly(oxy-1,2-ethanediyloxycarbonyl-1,4-phenylenecarbonyl) (25038-59-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Nylon 6 (25038-54-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Cellulose (9004-34-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Cellulose, acetate (9004-35-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

15.2. US State Regulations

Cellulose (9004-34-6)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 06/10/2021

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

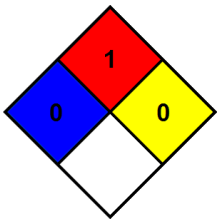
GHS Full Text Phrases:

Comb. Dust	Combustible Dust

NFPA Health Hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA Fire Hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA Reactivity Hazard : 0 - Material that in themselves are normally stable, even under fire conditions.



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.

SDS US (GHS HazCom)