



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	: SpillFix®
PRODUCT VARIATIONS	: Loose fibre, 1.5m sock, 3.0m sock
GENERAL USE	: Industrial liquid spill absorbent and sweeping compound.
CHEMICAL FAMILY	: Coir Pith Fiber
BRAND NAME	: SpillFix®
MANUFACTURER	: GALUKU GROUP LIMITED
SUPPLIER	: pH7, 4 Tawharau Lane, East Tamaki, Auckland 2013, New Zealand
TELEPHONE NUMBER	: +64 9 263 3142 Toll free 0800 323 223
EMERGENCY NUMBER	: CHEM CALL 0800 CHEMCALL (0800 24362255)
OTHER INFORMATION	: This product is sold for use as an industrial liquid/hazardous materials absorbent. This document has been developed to specifically address safety concerns affecting handling situations specific to the product alone (e.g., those associated with warehouses and other distribution workplaces). When used as an absorbent, the safety data sheets and other references for the spilled material should be reviewed as part of standard release clean-up plans.

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not considered hazardous

REGULATION CLASSIFICATION

Hazard Communication (GHS) :Not applicable

Reach/CLP (GHS) :Not applicable

EU Directives 67/548/EEC; 1999/45/EC :Not applicable

2.2 LABEL ELEMENTS

OSHA/CLP – Based on Globally Harmonized System

Symbol :Not applicable

Signal Word :Not applicable

Hazard Statement :Not applicable

Precautionary Statements :Not applicable

OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

Emergency Overview

Physical Description

:This is a brown organic substance. It is odourless.

Health Hazards

:No significant health hazards are anticipated under typical circumstances of use or release response.

Fire Hazards

:This product does not present a significant fire hazard.

Physical Hazards :Negligible under typical circumstances of use or reasonably anticipated emergency response situations.

Environmental Hazards :This product is not anticipated to cause adverse environmental effects.

Hazardous Materials Identification System

Health	0
Flammability	0
Physical Hazard	0
Protective Equipment	NA

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Coir Pith	90-95%	N/A	N/A	N/A
Water	Balance	7732-18-5	N/A	N/A

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

EYE CONTACT : Flush with copious amounts of water for 15 minutes. "Roll" eyes during flush. Seek medical attention if irritation persists.

SKIN CONTACT : Flush area with warm, running water.

INHALATION : Obtain fresh air.

INGESTION : Contact Poison Control Centre or physician for instructions.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS/ACUTE AND DELAYED

ACUTE : The main hazard associated with this product in an occupational setting would be mechanical irritation of the eye, or slight irritation upon contact with the particulates. Inhalation of particulates can be irritating to the nose, throat, and other tissues of the respiratory system. Symptoms of exposure are generally alleviated when overexposure ends.

CHRONIC :No long-term effects related to chronic exposures are anticipated from occupational use situations involving this product.

TARGET ORGANS: Acute: Eyes, skin (mechanical irritation). Chronic: Not applicable

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Recommended Fire Extinguishing Media

Unsuitable Fire Extinguishing Media :None known

FLASH POINT : Unknown

AUTO IGNITION : Unknown

FLAMMABLE LIMITS : N/A

FIRE EXTINGUISHING MEDIA : Water Spray, Water Jet, Dry Powder, Foam, Carbon Dioxide, Halon, or any other.

SPECIAL FIRE FIGHTING PROCEDURES : Standard procedures for Class A fires

UNUSUAL FIRE AND EXPLOSION HAZARDS: Some carbon monoxide and carbon dioxide formation is possible under oxygen-lean conditions.

SECTION 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Note :This material is for use as a spill absorbent material and/or sweeping compound. The following section refers only to accidental spills of this product alone. If SpillFix is being used as a universal absorbent, then the safety data sheet and other references pertinent to the released substances must be reviewed.

Response to Incidental Releases :Personnel who have received basic chemical safety training can generally handle small-scale releases. Wear gloves and safety glasses when cleaning-up spills.

Response to Non-Incidental Releases :Unused SpillFix is completely safe and harmless. Simply place back in container.

Response Procedures for any Release :Carefully sweep up spilled material and place back in container

Note This product effectively absorbs an extensive list of materials – Full list shown in 6.5

6.2 ENVIRONMENTAL PRECAUTIONS

Environmental Precautions :No precautions necessary, SpillFix is an environmentally safe natural organic material.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Spill Response Equipment : Broom/dust pan and/or shovel.

6.4 USING PRODUCT AS UNIVERSAL LIQUID ABSORBENT

These steps should be followed when using this product as a liquid absorbent:

1. Identify and isolate spill. Always follow workplace procedures for cleanup and disposal.
2. Apply SpillFix to perimeter of spill to stop from spreading.
3. Continue to apply SpillFix to the center until spill is completely covered and no free liquid is visible.
4. Sweep with a stiff broom working over spill area to remove all surface oil. Dispose of in accordance of local regulations.

6.6 EFFECTIVELY ABSORBS THE FOLLOWING TYPES OF MATERIALS:

Full strength:

Acetaldehyde	Acetic Acid	Acetic Anhydride	Acetone
Acrylic Paint	Aluminum Hydroxide	Ammonium Hydroxide	Antifreeze
Aviation Fuel	Automotive Fluids	Barium Hydroxide	BBQ Sauce
Battery Acid	Bleach	Blood	Bodily Fluids
Boric Acid	Brake Fluid	Calcium Hydroxide	Car Wax
Calcium Hypochlorite	Carbon Black	Castor Oil	Chlorine Water
Chloroform	Citric Acid	Clorox (Bleach)	Coolant
Corn Oil	Cottonseed Oil	Cresol	Dairy Products
Degreasers	Detergents	Drilling Fluids	Enamel Paint
Ethylene Glycol	Ethylenediamine	Fabric Softeners	Ferric Chloride
Floor Wax	Formic Acid	Fruit Juice	Fuel Oil
Glycerol	Gorilla Glue	Grape Juice	Hydraulic Fluid
Hydrocarbon Fluids	Ice Cream	Italian Dressing	Juice
Ketchup	Latex Paint	Laundry Detergent	Linseed Oil
Liquid Polymers	Lubricating Oil	Magnesium Hydroxide	Milk
Mineral Oil	Motor Oil	Nitric Acid	Nutella Spread
Octane	Oil	Oil Paint	Olive Oil
Orange Juice	Paint	Paint Thinners	Paraffin
Petroleum Ether	Phenol	Phosphoric Acid	Polymers
Power Steering Fluid	Propylene Glycol	Ranch Dressing	Resins
Salad Dressing	Sauce	Silicone Oil	Softeners
Sodium Bicarbonate	Sodium Bisulfite	Sodium Chloride	Sodium Hydroxide
Solvents	Soup	Soy Bean Oil	Soy Milk
Spray Paint	Sucrose	Skydrol	Synthetic Motor Oil
Syrup	Tomato Sauce	Tannic Acid	Transformer Oil
Transmission Fluid	Turpentine	Urine	Water
Wine	Wood Stain	Xylene	

In Acceptable Dilutions: (Concentrations shown are relevant to substances in industrial use.)

Hydrochloric Acid (45%)	Hypochlorite Solution (18%)
Hydrogen Peroxide (70%)	Peracetic Acid (15%)
Peroxide (70%)	Potassium Hydroxide (45%)
Sulfuric Acid (50%)	

Note Before handling used material refer to the SDS (materials safety data sheet) for the substance to be absorbed.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Hygiene Practices	:Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics while using the product for spill clean-up. Unused material (SpillFix) is harmless and safe to touch. Avoid contact with eyes.
Handling Recommendations	:Employees must be appropriately trained to use this product safely as needed.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Recommendations	:Store in a cool dry place away from incompatible chemicals (See Section 10, Stability and Reactivity).
Storing Unused Material	:Keep tightly closed and store in a cool dry place away from incompatible chemicals.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION	: None needed under routine circumstances of use or handling. A dust mask can be considered if inhalation of significant amounts of dusts/particulates could occur.
PROTECTIVE GLOVES	: Nitrile, latex, or neoprene gloves should be used.
EYE PROTECTION	: Splash goggles or safety glasses with side shield are recommended if contact with dusts/particulates from this product may occur.
BODY PROTECTION	:Type 5/6 Coveralls

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR	: Brown solid fibres with no odour
SPECIFIC GRAVITY	: Not determined
BOILING POINT (C)	: Not Applicable
MELTING POINT (C)	: Not Applicable
SOLUBILITY IN WATER	: Insoluble
% VOLATILE BY VOLUME	: Not Applicable
EVAPORATION RATE	: Not Applicable
VAPOR PRESSURE (mm Hg)	: Not Applicable
VAPOR DENSITY (Air = 1)	:

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

This product is not self-reactive, water-reactive, or air-reactive.
This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS

Refer to 6.5 for extensive list of compatible materials that can be absorb by this product (For compatibility of materials not listed please contact manufacture).

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Products of thermal decomposition of this product can include carbon monoxide, carbon dioxide, and nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS	:There are no specific toxicity data are available for components of this product. This product is non-toxic by all routes of entry.
INGESTION	:Ingestion may cause a variety of health effects, as described in Section 4 (First-Aid Measures).
EYE	:Contact with product may cause mild mechanical eye irritation.
SKIN	:Contact with product may cause mild mechanical skin irritation.
INHALATION	:Contact with dusts may cause mild mechanical irritation of the mucous membranes of the nose, throat, and mouth.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

This product is derived from coconut husk. Based on available data, the pure product is not anticipated to be harmful to contaminated plants or animals.

Based on available data, the pure product is not anticipated be harmful to contaminated aquatic plants or animals in the area immediately surrounding the release of the pure product.

12.2 PERSISTENCE AND DEGRADABILITY

When released into the soil, the product is expected to biodegrade.

Coir Fiber Pith (SpillFix) consists of 53% Lignin. The high lignin composition slows the decomposition of the biodegradable material. This allows the absorbed (and encapsulated) hydrocarbons and/or other chemicals to microbiologically decompose long before the coir material decomposes.

12.3 BIOACCUMULATIVE POTENTIAL

It is not anticipated that this product will bioaccumulate or bioconcentrate significantly in the environment.

12.4 MOBILITY IN SOIL

This product is not anticipated to be mobile in soil.

12.5 RESULTS OF PBT and vPvB ASSESSMENT

No data available.

12.6 OTHER ADVERSE EFFECTS

Endocrine Disruptor Information: No component is reported to be an endocrine disruptor.

12.7 ADDITIONAL ENVIRONMENTAL IMPACT INFORMATION

SpillFix encapsulates chemicals and will not leach or release back into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal must be done in accordance with local regulations based on the chemicals adsorbed by the product.

SpillFix will take on the characteristics/properties of whatever liquid is absorbed. Therefore, all measures must be taken as if you were handling the liquid itself. Sorbents do not make the liquid less hazardous.

NOTE: Always refer to the SDS for the chemical absorbed before proceeding.

SECTION 14: TRANSPORT INFORMATION

CLASSIFICATION: Non Hazardous

SECTION 15: REGULATORY INFORMATION

NO DATA.

SECTION 16: OTHER INFORMATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

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