REVISION DATE SEPTEMBER 15,2020

SPILLFIX SAFETY DATA SHEET

This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200, as updated in 2012), the American National Standards Institute (Z400.1, 1998), and equivalent state Standards. It has also been developed in accordance with the Canadian Workplace Hazardous Materials Standard and the United Nations Globally Harmonized System of Classification of Chemicals, as well as European Union requirements under REACH (Registration, Evaluation, Authorization and Restriction of Chemical substances, per EC 1907/2006) and Directive 91/155/EC. Refer to Section 16 of this document for the definition of terms and abbreviations

Please contact the manufacturer and/or distributor for information on SpillFix's ability to absorb substances not listed on page 6. **DO NOT USE** SpillFix as a substitute for safe handling practices of any chemical, or assume its suitability on substances not listed.

SpillFix®

460 The Boulevarde Kirrawee NSW
Phone: 02 95454222

SPILLFIX SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 PRODUCT IDENTIFIER

- *Product Name* — 13Gal/50L & 4Gal/15L SpillFix Industrial Organic Absorbent
  2.25Gal/9L SpillFix Spill Absorbent & Sweeping Compound
  10ft/3M & 5ft/1.5M SpillFix Industrial Absorbent Boom SOCs
- *Chemical Name/Class* — Coir Pith Fiber

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE OR USES ADVISED AGAINST

- *Identified Use* — Industrial liquid spill absorbent and sweeping compound
- *Uses Advised Against* — Refer to Section 6: (6.6)

1.3 DETAILS OF THE DISTRIBUTOR OF THE SAFETY DATA SHEET

- *Supplier* — Garrick Herbert
- *Address* — 460 The Bouleverde Kirrawee NSW 02 9545 4222

1.4 OTHER PERTINENT 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.

2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

REGULATION	CLASSIFICATION
OSHA 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

- *EC Directive Symbols, Risk and Safety Phrases*

Symbol	Not applicable
Risk Phrases	Not applicable
Safety Phrases	Not applicable

2: HAZARDS IDENTIFICATION (cont.)

2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

- ***Emergency Overview***

Physical Description	This is a brown organic substance. It is odorless.
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*

HMIS PERSONAL PROTECTIVE EQUIPMENT RATING
Occupational use situations: Select the personal protective equipment appropriate to the volume of liquid released, location of the spill, and nature of the substance to be cleaned-up.

- *Canadian Regulatory Status* — This product is not classified as hazardous under Canadian Controlled Products regulations (SOR-88-66).
- *Canadian WHMIS Symbols* — Not applicable

SPILLFIX SAFETY DATA SHEET

3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

- *Component* — Coir Pith Fiber
- *Cas Number* — Not Established
- *Einecs # EC* — Not Established
- *Class/Risk Phrases* — Not Established
- *% (w/w)* — 90-95%

3.2 MIXTURES

- *Component* — Water
- *Cas Number* — 7732-18-5
- *Einecs # EC* — 231-791-2
- *Class/Risk Phrases* — Not Established
- *% (w/w)* — Balance

SPILLFIX SAFETY DATA SHEET

4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

- *Eyes* — Flush with copious amounts of water for 15 minutes. "Roll" eyes during flush. Seek medical attention if irritation persists. Skin: Flush area with warm, running water. Inhalation: Obtain fresh air.
- *Ingestion* — Contact a Poison Control Center 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

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- *Recommendations to Physicians* — Treat symptoms and eliminate overexposure.
- *Medical Conditions Aggravated* — No known medical conditions are anticipated to be aggravated
- *By Overexposure* — by occupational exposure to this product.

5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

- *Recommended Fire Extinguishing Media* — Water Spray, Water Jet, Dry Powder, Foam, Carbon Dioxide, Halon, or any other.
- *Unsuitable Fire Extinguishing Media* — None known

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- *NFPA Flammability Classification* — Not flammable
- *Unusual Hazards in Fire Situations* — When involved in a fire, this material may produce irritating vapors and toxic gases (e.g., carbon monoxide, carbon dioxide).
- *Explosion Sensitivity to Mechanical Impact* — Not sensitive
- *Explosion Sensitivity to Static Discharge* — Not sensitive

5.3 ADVICE FOR FIREFIGHTERS

- No special hazards or requirements; use methods appropriate to type of fire and size of blaze.

SPILLFIX SAFETY DATA SHEET

6: 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 6.6

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 REFERENCES TO OTHER SECTIONS

- *Section 8* — For exposure levels and detailed personal protective equipment recommendations.
- *Section 13* — For waste handling guidelines.

6.5 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 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 and state regulations.

6: ACCIDENTAL RELEASE MEASURES (cont.)

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.

- *Substances Non Listed Above*

Please contact the manufacturer and/or distributor for information on SpillFix's ability to absorb substances not listed above. DO NOT use SpillFix as a substitute for safe handling practices of any chemical, or assume its suitability on substances not listed above.

SPILLFIX SAFETY DATA SHEET

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 After Opening* — Keep tightly closed and store in a cool dry place away from incompatible chemicals.

SPILLFIX SAFETY DATA SHEET

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

- *U.S. National Exposure Limits*

Component	*ACGIH TLV*	*OSHA PEL (ppm)*	*NIOSH REL (ppm)*	*Other*
Coir Pith Fiber	NE	NE	NE	NE
Water	NE	NE	NE	NE

- *International Exposure Limits*

Component	*Federal Republic of Germany (DFG) Maximum Concentration Values in the Workplace (MAKs)*	*Other*
Coir Pith Fiber	NE	NE
Water	NE	NE

- *Biological Occupational Exposure Limits* — Not Established
- *Derived No Effect Level (DNEL)* — Not Established
- *Predicted No Effect Concentration (PNEC)* — Not Established

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 6.6 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.

SPILLFIX SAFETY DATA SHEET

11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- *Acute Toxicity* — There are no specific toxicity data are available for components of this product. This product is non-toxic by all routes of entry.

Degree of Irritation: Potentially mild mechanical irritation.

Sensitization: Not reported to have skin or respiratory sensitization effects.

Review of Acute Symptoms and Effects: See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for details.

EYES: 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.

INGESTION: Ingestion may cause a variety of health effects, as described in Section 4 (First-Aid Measures).

11.2 CHRONIC TOXICITY

Carcinogenicity Status: The following table summarizes the carcinogenicity listing for the components of this product. "NO" indicates that the substance is not considered to be, or suspected to be, a carcinogen by the listed agency.

Chemical	*IARC*	*NTP*	*NIOSH*	*OSHA*	*Other*
Coir Pith Fiber	NO	NO	NO	NO	NO

Reproductive Toxicity Information: This product is not anticipated to cause adverse reproductive effects under typical circumstances of exposure under routine work situations.

11: TOXICOLOGICAL INFORMATION (cont.)

11.2 CHRONIC TOXICITY (cont.)

Mutagenic Effects	The components of this product are not reported to cause mutagenic effects under typical circumstances of occupational exposure.
Specific Target Organ Toxicity (Single Exposure)	Not applicable
Specific Target Organ Toxicity (Repeated Exposure)	Not applicable

- *OTHER INFORMATION*

Toxicologically Synergistic Products	None known

12: ECOLOGICAL INFORMATION

SPILLFIX SAFETY DATA SHEET

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 meets and exceeds Federal EPA leachate standards for hydrocarbon/petroleum products.
- SpillFix Passes the EPA's TCLP and TTLC testing.
- SpillFix encapsulates chemicals and will not leach or release back into the environment.

13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

- *Waste Handling Recommendations:* Prepare, transport, treat, store, and dispose of waste product according to all applicable local, U.S. State and U.S. Federal regulations, the applicable Canadian standards, or the appropriate standards of the nations of the European Community.
- *Incineration:* Used SpillFix containing hydrocarbons can be incinerated in accordance with local regulations.

13.2 DISPOSAL CONSIDERATIONS

- *EPA RCRA Waste Code:* Not applicable
- *European Waste Code:* Not applicable.

14: TRANSPORT INFORMATION

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14.1/14.2/14.3/14.4 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

- ***Department Of Transportation Hazardous Materials Shipping Regulations***

UN/NA Identification Number	Not hazardous, per US DOT regulations.
Proper Shipping Name	SpillFix Industrial Organic Absorbent
Hazard Classification	Not applicable.
Packing Group	Not applicable.
Label	Not applicable.
North American Emergency Response Guidebook (2012)	Not applicable.
Marine Pollutant Status	No component is designated as a DOT Marine Pollutant.

- *Canadian Transportation Information* This product is NOT regulated by Transport Canada as dangerous goods under Canadian transportation standards.
- *IATA Designation* This product is NOT regulated as dangerous goods by the International Air Transport Association.
- *IMO Designation* This product is NOT regulated as dangerous goods by the International Maritime Organization.

14.5 ENVIRONMENTAL HAZARDS

- None described, as related to transportation.

14.6 SPECIAL PRECAUTIONS FOR USERS

- Not applicable.

14.7 TRANSPORT IN BULK

- Not applicable.

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15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE.

- ***Other Important U.S.. Regulations***

U.S. TSCA Inventory Status:	All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
CERCLA Reporting Requirements	Not applicable.
SARA Reporting Requirements	Not applicable.
SARA Section 311/312 For Product	Not applicable.
California Safe Drinking Water Act (Proposition 65) Status	Not applicable.

- ***International Regulations Canadian DSL/NDSL Inventory Status*** — All ingredients of this product are listed or are excluded from inventory reporting requirements.

Canadian environmental Protection Act (CEPA) Priorities Substances Lists:	The components of this product are not on the CEPA Priorities Substances Lists.
German Water Hazard Classification:	1 (low hazard to waters).

15.2: CHEMICAL SAFETY ASSESSMENT

- *Assessment* — Chemical free natural organic material.

16: OTHER INFORMATION

16.1 INDICATION OF CHANGE.

- *Change Indicated:* — Update of OSHA Hazard Communication Standard (29 CFR 1910.1200); Format changes.
- *Original Date of Issue* — October 2013.
- *Dates of Updates* — February 8, 2018.

16.2 KEY LITERATURE REFERENCES AND SOURCES FOR DATA

- Safety Data Sheets For Component Products
- Regulations (EC) No 1907/2006, 1272/2008 & 453/2010 of the European Parliament and of the Council
- Federal OSHA Hazard Communication Standard: 29 CFR 1910.1200
- ESIS -European Chemical Substances Information System http://esis.jrc.ec.europa.eu/

16.3 CLASSIFICATION AND PROCEDURE USED TO DERIVE THE CLASSIFICATIONS FOR MIXTURES

- *Classification: Section 2* (Hazards Information) provides all relevant classification information used for this product. The assignments were based on data available for the component products, calculations, expert judgment, and weight of evidence.