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Material Safety Data Sheet

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Section 1 - Product and Company Identification

Product Name: Spill Kill - Water/Glycol

Section 2 - Composition / Information on Ingredients

CAS #	Component	Percent
9003-04-7	Sodium polyacrylate crosslinked	>99
Not Available	Post Treated-Trade Secret	0

Component Information/Information on Non-Hazardous Components

The components of this product are not regulated as hazardous under 29CFR and 49 CFR.

Section 3 - Hazards Identification

Emergency Overview

Liquid Waste Solidifier is a white, off-white granular, odorless polymer that yields a gel-like material with the addition of water. It is insoluble in water and causes extremely slippery conditions when wet.

Potential Health Effects: Eyes

Dust may cause slight to moderate eye irritation.

Potential Health Effects: Skin

Exposure to the dust, such as in manufacturing, may aggravate existing skin conditions due to drying effect.

Potential Health Effects: Ingestion

Although not a likely route of entry, tests have shown that polyacrylate absorbents are non-toxic if ingested. However, as in any instance of non-food consumption, seek medical attention in the event of any adverse symptoms.

Potential Health Effects: Inhalation

Exposure to respirable dust may cause respiratory tract and lung irritation.

HMIS Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

Section 4 -First Aid Measures

First Aid: Eyes

Immediately flush eyes with plenty of water for at least 15 minutes.

First Aid: Skin

Remove polyacrylate absorbent dust from skin using soap and water.

First Aid: Ingestion

Non-toxic by ingestion. However, if adverse symptoms appear, seek medical attention.

First Aid: Inhalation

If inhaled, move to source of fresh air. Seek medical attention if symptoms persist.

Section 5 - Fire Fighting Measures

General Fire Hazards

No recognized fire hazards associated with the finished product.

Upper Flammable Limit (UFL): NE
Lower Flammable Limit (LFL): NE
Method Used: None
Flash Point: None
Flammability Classification: None

Hazardous Combustion Products

None known.

Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog. Extremely slippery conditions are created if spilled product comes in contact with water.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Section 6 - Accidental Release Measures

Containment Procedures

Sweep or vacuum material when possible and shovel into a waste container.

Clean-Up Procedures

Use caution after contact of product with water as extremely slippery conditions will result. Residuals may be flushed with water into the drain for normal wastewater treatment. This is a non-hazardous waste suitable for disposal in an approved solid waste landfill.

Evacuation Procedures

None required.

Special Procedures

Avoid respirable dust inhalation during clean-up. Wear appropriate respirator.

Section 7 - Handling and Storage

Handling Procedures

Handle as an eye and respiratory tract irritant.

Storage Procedures

Store in a dry, closed container.

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines

A: General Product Information

This product is not regulated as a hazardous material.

B: Component Exposure Limits

No information is available.

Engineering Controls

Provide local exhaust ventilation to maintain worker exposure to less than 0.05 mg/m^3 over an eight-hour period.

PERSONAL PROTECTIVE EQUIPMENT
Personal Protective Equipment: Eyes/Face
Wear safety glasses with side shields or goggles.
Personal Protective Equipment: Skin
Use impervious gloves when handling the product in the manufacturing environment.
Personal Protective Equipment: Respiratory
Wear respirator with a high efficiency filter if particulate concentrations in the work area exceed 0.05 mg/m^3 over an eight-hour period.
Personal Protective Equipment: General
Obey reasonable safety precautions and practice good housekeeping. Wash thoroughly after handling.

Section 9 - Physical & Chemical Properties

Appearance:	White granular powder.	Odor:	None
Physical State:	Solid	pH:	5.5-6.5 (1% in water)
Vapor Pressure:	<10 mm Hg	Vapor Density:	NE
Boiling Point:	NE	Melting Point:	>390 F
Solubility (H2O):	Not soluble.	Specific Gravity:	0.4-0.7 g/ml
Evaporation rate:	<1.0		

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability
The product is stable.
Chemical Stability: Conditions to Avoid
None
Incompatibility
None
Hazardous Decomposition
None known.
Hazardous Polymerization
Will not occur.

Section 11 - Toxicological Information

Acute and Chronic Toxicity
A: General Product Information
Acute inhalation of respirable dust may cause irritation of the upper respiratory tract and lungs.
B: Acute Toxicity-LD50/LC50
Sodium polyacrylate (9003-04-7)
LD50: Oral LD50 Rat: 40 gm/kg
Carcinogenicity

Component Carcinogenicity
No information is available.

Chronic Toxicity
There are no known chronic effects associated with this material.

Section 12 - Ecological Information

Ecotoxicity

A: General Product Information

Composted polyacrylate absorbents are nontoxic to aquatic or terrestrial organisms at predicted exposure levels from current application rates.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No information available,

Environmental Fate

Polyacrylate absorbents are relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability. They are also compatible with incineration of municipal solid waste. Incidental down-the-drain disposal of small quantities of polyacrylic absorbents will not affect the performance of wastewater treatment systems.

Section 13 - Disposal Considerations

US EPA Waste Number & Descriptions

A: General Product Information

This product is a non-hazardous waste material suitable for approved solid waste landfills.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of in accordance with Local, State and Federal regulations. Incineration is a recommended method of disposal.

Section 14 - Transportation Information

International Transportation Regulations

This product is not transport regulated.

Section 15 - Regulatory Information

US Federal Regulations

A: General Product Information

This product is not federally regulated as a hazardous material.

B: Clean Air Act

No information is available.

C: Component Analysis

No information is available.

D: Food & Drug Administration

CFR references for the FDA regulated components in this product are listed.

Sodium polyacrylate (9003-04-7)

Direct Food 173.73, 173.310
Additives:
Indirect Food 175.105
Additives:

State Regulations

A: General Product Information

This product is not regulated by any State as a hazardous material.

B: Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Sodium polyacrylate	9003-04-7	Yes	DSL	No

To the best of our knowledge the information contained herein is accurate. However, Brodi Speciality Products Ltd. assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards which exist.