

# MATERIAL SAFETY DATA SHEET

Identity: FINN ENVIRO-CAP

## I. General Information

Manufacturer's Name: Southwest Environment Services  
Address: 2400 East Erwin, Tyler, Texas 75702  
Telephone Number: (903) 531-2211  
HMIS Rating: Health - 0 (normal material)  
Fire - 1 (flash point above 200°F, combustible as dust)  
Reactivity - 0 (stable)

## II. Ingredients

Component: Calcium Sulfate Hemihydrate (S.W.E. Special) with specialized fibers - 67.5 % by wt  
CAS: 26499-65-0  
OSHA PEL: For dust - 15 mg/m<sup>3</sup> (total), 5 mg/m<sup>3</sup> (respirable), TLV - 10 mg/m<sup>3</sup>  
Component: Crystalline Silica - 3.75 % by wt  
CAS: 14808-60-7  
OSHA PEL: For dust - 0.1 mg/m<sup>3</sup> (respirable), TLV - 0.1 mg/m<sup>3</sup> (respirable)  
Component: Galactomannan - 2.5 % by wt  
CAS: 9000-30-0  
OSHA PEL: For dust - 5 mg/m<sup>3</sup> (respirable), TLV - 3 mg/m<sup>3</sup> (respirable) and 10 mg/m<sup>3</sup> (total)  
Component: Enzyme Matrix - 16 % by wt  
CAS: N/A  
OSHA PEL: None Established  
  
Component: Blend of Proprietary Ingredients - 3.75 % by wt  
CAS: N/A  
OSHA PEL: None Established  
Component: Cross-linked Sodium Acrylic Polymer - 2.5 % by wt  
CAS: 9033-79-8  
OSHA PEL: None Established - Manufacturer recommends dust exposure be limited to 0.05 mg/m<sup>3</sup>  
Component: Dimethylpysiloxane polyalkylene oxide with non-ionic surfactants - 2 % by wt  
CAS: N/A  
OSHA PEL: None Established  
Component: Essential Oils - 2 % by wt  
CAS: N/A  
OSHA PEL: None Established

Any Remaining Ingredients Constitute Less Than (<) 1 % of Product Material.

### III. Physical Characteristics

Appearance:	White to off-white powder
Odor:	None to low discernible odor
Density:	0.29 g/cm <sup>3</sup> (loose, uncompacted)
pH:	5
Solubility (in water):	Insoluble, will disperse in water
Melting/Boiling Point:	Not applicable
Reactivity in Water:	Non-reactive

### IV. Fire and Explosion Hazard Data

Flash Point:	Greater than (>) 200°F
Combustibility:	Non-combustible at standard temperature and pressure, difficult to ignite.
Extinguishing Media:	Water/Foam
Fire Fighting Procedures:	Routine
Special Procedures:	None

### V. Reactivity

Stability:	Stable
Compatibility:	For product integrity avoid excessive moisture or humidity until ready for use.
Conditions to Avoid:	Avoid creating dust
Hazardous Polymerization:	Will not occur
Hazardous Decomposition:	Above 1450° C could produce CaO and SO <sub>2</sub>

### VI. Health Hazard Data

Route(s) of Entry:	Inhalation (as dust/fibers), incidental ingestion, dermal/eye contact.
Primary route of Exposure:	Inhalation ( as dust)
Effects of Overexposure:	Inhalation - mildly toxic as an acute irritant to mucus membranes and upper respiratory system. Ingestion - May cause gastrointestinal irritation, producing vomiting and/or diarrhea. Dermal/Eye Contact - May cause slight irritation to skin/eyes.
Carcinogenicity:	None
Aggravated Conditions:	Respiratory disorders or diseases may be aggravated by exposure from dust/fibers
Emergency/First Aid:	Inhalation - remove from exposure (remove to fresh air). If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician. Ingestion - None required for slight

ingestion. For large ingested quantity, induce vomiting. Consult a physician.  
Dermal/Eye Contact - Wash material from skin using soap and water. In case of eye contact, flush eyes with water.

## **VII. Safe Handling and Use**

Storage: Maintain in original sealed containers provided by manufacturer. Material should be stored in a manner to prevent accumulations of airborne dust. Avoid excessive moisture/humidity to insure product integrity.

Releases or Spills: Sweep/remove excess material and containerize.

Waste Disposal Method: This unaltered material, as a waste, is not a federally-defined hazardous waste (40 CFR 261). Dispose of in accordance with applicable Federal/State/Local requirements.

## **VIII. Special Protection/Control Measures**

Respiratory Protection: Respiratory protection required if OSHA PEL (dust) is exceeded. Use of a standard pollen/dust type mask is recommended as a precautionary measure.

Ventilation: Normal ventilation is usually adequate to maintain exposure levels below OSHA PEL. Respiratory protection is required if allowable exposure level is exceeded.

Eye Protection: The use of goggles and/or safety glasses is recommended as a precautionary measure.

Skin Protection: The use of gloves is recommended as a precautionary measure if skin is broken or sensitive.

Work/Hygienic Practices: Clean and properly operating personal protective equipment (PPE) when required. No other PPE recommended or required. Use standard hygienic practices as with most non-hazardous materials.

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