

Material Safety Data Sheet: SPILL GUARD ECO

Supersedes Date Not applicable

Issuing Date 04/11/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name SPILL GUARD ECO
Recommended use Absorbent

Product Code 907U
Chemical nature Absorbent material, organic and Inorganic substances in powdered form

Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION
May cause skin irritation
May cause eye irritation
May cause respiratory tract irritation

Color Brown

Physical State Solid

Odor Odorless

Potential Health Effects

Principle Route of Exposure

Skin contact, Eye contact, Inhalation.

Primary Routes of Entry

None known

Acute Effects

Eyes

May cause eye irritation.

Skin

May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Inhalation

May cause irritation of respiratory tract.

Ingestion

Low hazard for usual industrial or commercial handling.

Chronic Toxicity

Risk of infection of the lung after prolonged inhalation of dust particles. Lung edema. Shortness of breath.

Target Organ Effects

Respiratory system, Skin, Eyes.

Aggravated Medical Conditions

Skin disorders, Respiratory disorders.

Potential Environmental Effects

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Vermiculite	1318-00-9
2-Propenoic acid, polymer with sodium 2-propenoate	9033-79-8
Perlite	93763-70-3
Guar gum	9000-30-0

4. FIRST AID MEASURES

General Advice

Avoid contact with skin, eyes and clothing. Avoid breathing dust.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash

Method Not applicable

Autoignition Temperature No information available.

Flammability Limits in Air % Dust explosion properties.

Upper No data available **Lower** No data available

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Dust may form explosive mixture in air.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health 1

Flammability 1

Instability 0

HMIS

Health 1

Flammability 1

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	No information available.
Methods for Cleaning Up	Pick up and arrange disposal without creating dust.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid breathing the dust. Keep away from heat and sources of ignition.			
Storage	Keep away from open flames, hot surfaces and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Storage Temperature	Minimum	35 °F / 2 °C	Maximum	120 °F / 49 °C
Storage Conditions	Indoor	X	Outdoor	
			Heated	
				Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Vermiculite	3 mg/m ³ PNOS	5 mg/m ³ PNOR	No data available
2-Propenoic acid, polymer with sodium 2-propenoate	No data available	5 mg/m ³ PNOR	0.05 mg/m ³ OEL 8 hr - vendor data
Perlite	3 mg/m ³ PNOS	5 mg/m ³ PNOR	TWA: 10 mg/m ³ TWA: 5 mg/m ³
Guar gum	3 mg/m ³ PNOS	5 mg/m ³ PNOR	No data available

Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	For prolonged or repeated contact, use protective gloves
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Viscosity	Powder
Color	Brown	Odor	Odorless
Appearance	Opaque	pH	Not applicable
Specific Gravity	0.197	Evaporation Rate	0 (Butyl acetate=1)
Percent Volatile (Volume)	0	VOC Content (%)	0
VOC Content (g/L)	0	Vapor Pressure	18 mmHg @ 70°F
Vapor Density	Not applicable	Solubility	Negligible
Boiling Point/Range	Not applicable		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Avoid dust formation, Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Products	Hydrogen fluoride, Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information	No information available.
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Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Vermiculite	no data available	no data available	no data available	no data available	no data available
2-Propenoic acid, polymer with sodium 2-propenoate	no data available	no data available	no data available	no data available	no data available
Perlite	no data available	no data available	no data available	no data available	no data available
Guar gum	= 6770 mg/kg (Rat)	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Vermiculite	no data available	no data available	no data available	no data available	no data available
2-Propenoic acid, polymer with sodium 2-propenoate	no data available	no data available	no data available	no data available	no data available

Perlite	no data available	no data available	no data available	no data available	eyes, respiratory system, skin
Guar gum	no data available				

Carcinogenicity There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Vermiculite	not applicable				
2-Propenoic acid, polymer with sodium 2-propenoate	not applicable				
Perlite	not applicable				
Guar gum	not applicable				

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Vermiculite	no data available	no data available	no data available	no data available	N/A
2-Propenoic acid, polymer with sodium 2-propenoate	no data available	no data available	no data available	no data available	N/A
Perlite	no data available	no data available	no data available	no data available	N/A
Guar gum	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.

Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA Complies

DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Vermiculite	Not applicable	Not applicable
2-Propenoic acid, polymer with sodium 2-propenoate	Not applicable	Not applicable
Perlite	Not applicable	Not applicable
Guar gum	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all

the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials

**16. OTHER INFORMATION**

Prepared By	Mike McDowell
Supersedes Date	Not applicable
Issuing Date	04/11/2012
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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