

1. Product and Company Identification

Product Identifier: Lite Zorb Loose Absorbent

General Use: is a non-selective loose absorbent cellulose designed to absorb and contain oils and non-aggressive fluids. The “clay alternative”.

Product Description: Loose granular pellets

Specific Product Identifiers: *(includes but not limited to)* MR1020

COMPANY PROFILE:

SpillTech
Brookley Aeroplex
Mobile, AL 36615

TELEPHONE NUMBERS:

Emergency: (770) 929-6609
Technical Information: 1 (800) 228-3877
www.spilltech.com

2. Hazards Identification

May cause eye and skin irritation. May cause respiratory and digestive tract irritation. This is expected to be a low hazard for usual industrial handling.

GHS Classification: Acute toxicity, dermal, category 5
Acute toxicity, inhalation, category 5

GHS Label Elements

Signal Word: Warning
H313 May be harmful in contact with the skin
H333 May be harmful if inhaled

Precautionary Statements:

P332 + P313 IF SKIN irritation occurs: Get medical advice/attention
P304 + P331 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

3. Composition / Information on Ingredients

CAS: 9004-34-6	Cellulose fiber	>99%
EC: 232-674-9		

CAS: 8042-47-5	Mineral Oil	<1%
EC: 232-455-8		

4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult a physician.

Ingestion: Ingestion of small quantities is not considered harmful, however, if discomfort occurs, seek medical attention.

Inhalation: Remove to fresh air if breathing difficulties occur.

Skin Contact: Wash with soap and water. Consult a physician.

5. Fire Fighting Measures

Extinguishing Media: Unused form: water. Used form: that which is compatible to liquid(s) absorbed.

Special Fire Fighting Procedures: Unused form: None required. Used form: refer to absorbed liquid(s) SDS(s).

Hazardous Combustion Products: May include carbon monoxide and carbon dioxide

Unusual Hazards: This material can burn if strongly heated. Refer to absorbed liquid(s) SDS(s). Absorbent does not render liquids nonflammable, neutral or less hazardous.

6. Accidental Release Measures

Spill or Leak Procedures: If material is unused, sweep up and place in suitable disposal container for disposal. If sweeping, dampen with water spray to avoid creating dust.

7. Handling and Storage

Handling Precautions: None. Normal procedures for storing paper.

Storage Precautions: Store at room temperature.

Shelf Life: Indefinitely - as long as product is kept in a clean, dry place away from direct sunlight.

General: The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls / Personal Protection

Engineering Controls: Provide general and/or local exhaust ventilation to keep concentrations below PEL/TLV.

PERSONAL PROTECTION

Eyes: Safety glasses with side shields is a good industrial practice.

Respirator: Use NIOSH/MSHA approved dust respirator if material is used in unventilated area, or if dust concentrations exceed specified exposure limits.

Gloves: Should be worn by persons with existing skin lesions.

Other: None required

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMITS 8 hrs. TWA (ppm)	
	OSHA PEL	ACGIH TLV
Cellulose - Total	15 mg/m ³	10 mg/m ³
Cellulose - Respirable	5 mg/m ³	N.E.

N.E. = Not established

9. Physical and Chemical Properties

Appearance: Light gray cellulose pellets

Odor: None

Odor Threshold: Not applicable

pH: 6-8

Melting Point/Freezing Point: Not applicable

Initial Boiling Point and Range: Not applicable

Flash Point: 370°F (188°C) minimum

Method: Open cup

Evaporation Rate: Not applicable

Flammable Limits: Not established

Conditions of Flammability: Not established

Explosive Properties: Not established

Vapor Pressure: Approximately zero

Vapor Density: Not applicable

Relative Density (H₂O = 1): 0.86

Bulk Density: 13-20 lbs/ft³

Solubility in Water: <0.1%

Auto-ignition Temperature: Not established

Coefficient of Water/Oil Distribution: Not available

Moisture Range: 9-11%

10 Stability and Reactivity

General: This is a stable material.

Conditions of Reactivity: Elevated temperatures

Incompatible Materials: Acids, bases and strong oxidizers; e.g., hydrogen peroxide, bromide, chromic acid (no hazardous reactions are expected under normal industrial use).

Conditions to Avoid: Open flame.

Mixing with incompatible materials.

Hazardous Decomposition: Nitrous oxides, ammonia, sulfur dioxide

Hazardous Polymerization: Will not occur

11 Toxicological Information

Target Organs: No data available

POTENTIAL HEALTH EFFECTS:

Eye Contact: May cause irritation.

Ingestion: No effect, if a small quantity.

Inhalation: Breathing of dust may aggravate acute or chronic asthma and other pulmonary diseases.

Skin Contact: May cause irritation in people with existing skin lesions.

Chronic: Not applicable

LD50: Not available for mixture

LC50: Not available for mixture

Carcinogenicity: IARC: Not established

National Toxicology Program: Not established

OSHA: Not established

California Prop 65: No listed ingredient.

Reproduction Toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Synergistic Products: Not available

Cellulose:

Ingestion: The oral LD 50 for rats is > 5000 mg/kg.

Skin: The dermal LD 50 for rats is > 2000 mg/kg.

LC50: Inhalation, Rat: 5800 mg/m³, 4 hours

12 Ecological Information

No data available

13 Waste Disposal Considerations

Waste Disposal Method: If unused, no special precautions are necessary. Dispose of in accordance with federal, state and local regulations. In certain types of cleanup applications the nature of the material recovered will classify the resulting spent material as a hazardous component. In such instances the material should be disposed of via an approved hazardous waste disposal service and the appropriate manifesting obtained.

14 Transportation Information

DOT (Department of Transportation):

Proper Shipping Name: Not regulated

Hazard Class: Not regulated

Identification Number: Not applicable

15 Regulatory Information

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity

OSHA Hazard Communication Standard, 29 CFR 1910.1200: Cellulose

SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient

TSCA (Toxic Substances Control Act): All ingredients are listed.

16 Other Information

HMIS Hazard Ratings:

None extreme

0 → 4

Health- 1

Fire - 1

Reactivity - 0

PPE - Not applicable

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