



# SAFETY DATA SHEET

## RAMSORB I

### Section 1: Identification

**Product Name:**  
**RamSorb I** Part No. 500-001

**Chemical Formula:** See ingredients below

**CAS Number:** N/A

**General Use:** For absorption, encapsulation & bioremediation of petroleum hydrocarbons

**Manufacturer:** RAM Environmental Technologies, Inc.  
 3216 Cahaba Heights Road  
 Birmingham, AL 35243

**Customer Service:** (205) 969-0708

**Emergency:** RAM Environmental Technologies - (205) 969-0708

### Section 2: Hazard(s) Identification

This product is not classified as hazardous under 2012 OSHA Communications Standards (29CFR 1910.1200)

**Emergency Overview:** Mechanical abrasion of the skin or eyes is possible. Allergies, respiratory illnesses may be aggravated by exposure

**Target Organs:** Respiratory tract, eyes and skin

Hazard Statements:	Code	Description
	H316	May cause mild skin irritation
	H320	May cause mild eye irritation
	H335	May cause respiratory irritation

Precautionary Statements:	Code	Description
	P261	Avoid breathing dust
	P303	IF ON SKIN: Mechanical abrasion possible - Wash with soap and water
	P305	IF IN EYES: Mechanical abrasion possible - Flush with water

### Section 3: Composition and Information on Ingredients

Component	CAS#	Concentration
Cellulose (Cotton Fiber)	9004-34-6	95% - 98%
Ammonium Sulfate	7783-20-2	2% - 4%
Inert Materials	N/A	< 1%

## Section 4: First Aid Measures

### First Aid Procedures

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 10 minutes and seek medical attention if irritation persists

**Skin Contact:** Wash with soap and water. Seek medical attention if irritation persists

**Inhalation:** Remove victim to fresh air. Seek medical attention if respiratory irritation  
Under normal conditions, first aid procedures are not required

**Ingestion:** N/A

**General Advice:** Treat symptomatically

## Section 5: Fire Fighting Measures

**Flash Point:** Not applicable

**Flammable Limits:** 500° C (932° F)

**Extinguishing Media:** Water

**Fire-Fighting Equipment:** As with any finely divided material, the possibility of explosion exists if ignited

**Hazardous Combustion Products:** As with any finely divided material, the possibility of explosion exists if ignited

**Fire-Fighting Instructions:** Fight as you would a paper fire

## Section 6: Accidental Release Measures

**Overview:** Material is biodegradable and can be incinerated

**Procedure for Cleaning:** Sweep up spilled material

**Environmental Precautionary Measures:** None known

**Methods for Disposal:** Waste disposal in accordance with local state and federal regulations

## Section 7: Handling and Storage

**Handling:** Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling

**Storage:** Store in well-ventilated area

## Section 8: Exposure Controls / Personal Protection

**Engineering Measures:** Use in a well ventilated area

**Respiratory Protection:** Dust mask recommended

**Skin Protection:** Avoid skin contact. Wear gloves and suitable protective clothing

**Eye Protection:** Safety glasses or goggles recommended

**Additional Advice:** Make certain emergency eyewash station and washing facilities are available in work areas

## Section 9: Physical and Chemical Properties

### Appearance:

**Physical State:** Fibrous material  
**Color:** Tan

**Odor:** Odorless

**Boiling Point:** Not determined

**Melting Point:** Not applicable

**Vapor Pressure:** Not determined

**Vapor Density:** Not determined

**Relative Density:** Not determined

**Specific Gravity (H<sub>2</sub>O = 1.0):** 1.15/cc

**pH Level:** 4.5 to 6.0 in water

**Solubility in Water:** Not applicable

## Section 10: Stability and Reactivity

**Stability:** This is a stable material

**Polymerization:** Hazardous polymerization will not occur

**Incompatible Materials:** Strong concentrated acids

**Hazardous Decomposition Products:** May evolve ammonia gas in contact with strong caustic

## Section 11: Toxicological Information

### Potential Health Effects:

**Primary Entry Routes:** Mechanical abrasion

**Target Organs:** Respiratory tract, eyes and skin

**Acute Effects:** None known

**Chronic Effects:** None known

**Inhalation:** Allergies, respiratory illnesses may be aggravated by exposure

**Eye:** Redness or irritation possible

**Skin:** Irritation possible

**Ingestion:** Unlikely as an exposure route. The product is primarily natural cellulose. It is physiologically inert and non-harmful if swallowed. Bacteria typically found on agricultural products may be present and are not considered harmful

**Carcinogenicity:** The material is not known to be carcinogenic

## Section 12: Ecological Information

### Toxicity to Animals:

**LC50:** None Known

**LD50:** None Known

**Special Remarks on Toxic Effects on Humans or Animals:** None Known

**Eye:** None Known

## Section 13: Disposal Considerations

**Disposal:** This product is a natural cellulose material and can be discarded into regular garbage or incinerated by approved methods. If the material has been used to absorb petroleum hydrocarbons you should consult your applicable waste management authority to ensure proper disposal.

## Section 14: Transport Information

**DOT Classification (49 CFR 172.101):** Not a DOT Hazardous Material

<b>ERG Number:</b>	Not Applicable	<b>ID Number:</b>	Not Applicable
<b>Packing Group:</b>	Not Applicable	<b>Marine Pollutant:</b>	Not Applicable
<b>IMD Class:</b>	Not Applicable	<b>NMFC Number:</b>	Not Applicable
<b>ICO / IATA Class:</b>	Not Applicable	<b>Freight Class:</b>	Not Applicable

## Section 15: Regulatory Information

**Not a regulated material**

## Section 16: Other Information

**SDS Creation Date:** November, 2014

**Revised Date:** August 1, 2015

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