



MATERIAL SAFETY DATA SHEET

Product Name: Ram Filter Out

4949 Greenhouse Road Houston, TX 77084-2205 281/856-7600 - 800/456-3459 - Fax 281/856-7015

For Emergency Assistance involving chemicals call - CHEMTREC (800) 424-9300

The Version Date and Number for this MSDS is : 03/08/2007 - #011

PRODUCT NAME: POWDERED CELLULOSE
MSDS NUMBER: P12646V
DATE ISSUED: 10/10/2006
SUPERSEDES: 02/15/2004
ISSUED BY: 005902

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May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

IDENTITY (As Used on Label): AlphaCel Powdered Cellulose
DESCRIPTION: POWDERED CELLULOSE

SECTION I

Manufacturer's Name: INTERNATIONAL FIBER CORPORATION
Address: 50 Bridge Street
North Tonawanda, NY 14120
U.S.A.
Emergency Tel. No. 716-693-4040
Tel. No. For Information 716-693-4040 or 716-693-4009

SECTION II -- HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical) Identity; Common Names(s)	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Total Dust	15 mg/m3	10 mg/m3		N/A
Respirable	5 mg/m3			

SECTION III -- PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point N/A	Density (g/cc) 1.27-1.61
Vapor Pressure (mm Hg.) N/A	Melting Point N/A
Vapor Density (AIR = 1) N/A	Evaporation Rate (Butyl Acetate = 1) N/A

Solubility in Water: Insoluble in water.

Appearance and Odor: Color: White Odor: None

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Material will burn if involved in a fire. Like most organic powders, under severe dusting conditions, this material may form explosive mixtures in air.

Extinguishing Media

Water, Carbon-dioxide, dry chemical or foam.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH approved Self-Contained Breathing Apparatus.

Unusual Fire and Explosion Hazards

None

SECTION V -- REACTIVITY DATA

Stability	Stable	Unstable
	X	

Conditions to Avoid	None
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Incompatibility (Materials to Avoid):	None
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Hazardous Decomposition or Byproducts:	None Known
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Hazardous Polymerization:	Conditions to Avoid: None
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Will Occur	Will Not Occur
	X

SECTION VI -- HEALTH HAZARD INFORMATION

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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Health Hazards (Acute and Chronic)

Exposure to high concentrations of dust may result in upper respiratory tract (nose and throat) irritation. An allergic reaction may occur in some persons due to inhalation of or contact with these products. PEL (OSHA Permissible Exposure Limit): For nuisance dust.

15 mg/m³ for total dust and 5 mg/m³ for respirable dust.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None	None	None	No

Signs and Symptoms of Exposure
Refer to health hazards listed above.

Medical Conditions

Generally Aggravated by Exposure
None known under proper usage conditions.

Emergency and First Aid Procedures
Eyes/Skin: Flush with water. Inhalation: If breathing difficulty occurs, remove to fresh air and call physician.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled
May be cleaned up with broom and shovel.

Waste Disposal Method
Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing
Product should be stored on pallets without contact to walls, ceiling or floor. Storage areas should be well ventilated and free of strong and objectionable odors. Good warehouse and production handling practices should be followed to limit the amount of dust. Avoid sources of ignition. If product is pneumatically conveyed or pressurized in high concentration, devices to control static electricity are recommended.

Other Precautions
Avoid open flames and spark sources.

SECTION VIII -- CONTROL MEASURES

Respiratory Protection (Specify Type): If dust levels exceed 15 mg/m³, a NIOSH approved dust mask is recommended.

Ventilation
Adequate to handle dust indigenous to operations.

Local Exhaust	Special
If dusting occurs	N/A

Mechanical (General)	Other
Not normally required	N/A

Protective Gloves	Eye Protection
Not normally required	Recommended. Wearing contact lenses is not recommended in a dusty environment.

Other Protective Clothing or Equipment
None normally required

Work/Hygienic Practices
Use standard hygiene practices.

HMIS Rating: Health 0 Flammability 1 Reactivity 0

For Additional Information:

Contact: MSDS Coordinator - Univar USA

During business hours, Pacific Time - (425) 889-3400

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