

Material Safety Data Sheet

Cottonseed Hulls

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cottonseed Hulls
Chemical Name & Synonyms: Cellulose
Description: Cottonseed Pellets

Date Prepared: 7/2010

Supplier:

NOV FluidControl

4310 N. Sam Houston Parkway E
Houston, TX 77032
Office: (713) 482-0500
Fax: (713) 482-0695
Company website: www.nov.com

Emergency Telephone Number:

CHEMTREC: 1-800-424-9300 or International +1-703-527-3887

II. COMPOSITION

Material or Component	CAS Number	OSHA PEL	Percentage
Components are not hazardous			
CELLULOSE Composition comments	9004-34-6		100%

III. HAZARDS IDENTIFICATION

Immediate Health Effects

Product may be irritating to eyes, skin.

Eyes: May cause irritation to the eyes.

Skin: May be irritating to the skin. Prolonged or repeated contact may cause reddening, itchiness and possibly drying of skin.

Ingestion / Inhalation:

A powerful allergen, inhalation or ingestion may produce bronchial asthma, sneezing, eczema, and hives in persons already sensitized to this material.

IV. FIRST AID MEASURES

Eye contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin contact: Wash off skin with soap and water. Get medical attention if irritation develops or persists.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist.

Ingestion: Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.

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V. FIRE AND EXPLOSION DATA

Fire Hazard: Slight, when exposed to heat. Will burn if involved in a fire. Dust accumulation from this product may present an explosion hazard in the presence of an ignition source.

Hazardous combustion products: None known.

Fire Extinguishing Media: Dry chemical, CO₂, or water spray. Do not use straight streams.

Protective equipment: Firefighters should wear full protective clothing. Clothing should include self contained breathing apparatus to prevent inhalation of lint and dust.

Spontaneous Heating: Low. If piled or stored wet and hot, it can generate dangerous amounts of heat.

VI. ACCIDENTAL RELEASE MEASURES

Release or Spill: Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Prevent entry into waterways, sewers, basements or confined areas.

Personal Precautions: Do not touch or walk through spilled material. Avoid inhalation of dust from the spilled material.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate surface water.

VII. HANDLING AND STORAGE

Handling: Do not get this material in your eyes, on your skin, or on your clothing. Avoid dust formation. Wash hands after handling and before eating.

Storage: Store Keep tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, and flame.

VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

Airborne Exposure Limits:

Components:	Case#:	ACGIH TWA:	OSHA: TWA:
Cellulose	9004-34-6	10 mg/m ³	15 mg/m ³

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal Protection/Equipment:

Eye: Wear safety glasses with side shields.

Skin: Use of protective gloves is recommended. Use of protective coveralls and long sleeves is recommended. Use of impervious boots is recommended.

Respiratory: Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.

General Hygiene Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Powder (Solid)
Color	Brown
Odor	Woody
pH	N/A
Specific Gravity	N/A
LBS/Gal	N/A
Boiling Point	N/A
Solubility in Water	Insoluble
Vapor Density (Air=1)	N/A
Evaporation Rate	N/A

X. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use and storage.
Conditions to Avoid:	Heat, flames, and sparks. Dust may form explosive mixture in air.
Materials to Avoid:	Strong oxidizing agents.

Hazardous Decomposition Products:

Upon decomposition this product emits acrid dense smoke with carbon dioxide, carbon monoxide, water and other products of combustion.

Hazardous Reactions: Will not occur.

XI. TOXICOLOGICAL INFORMATION

Component analysis - LD50

Toxicology Data- Selected LD50s and LC50s

CELLULOSE	9004-34-6	Inhalation LC50 Rat: >5800 mg/m ³ /4H; Oral LD50 Rat >5 g/kg; Dermal LD50 Rabbit: >2 g/kg
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XII. ECOLOGICAL INFORMATION

This material is not expected to be harmful to aquatic life.

XIII. DISPOSAL

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

XIV. TRANSPORTATION INFORMATION

Department of Transportation (DOT) Requirements: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods

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XV. REGULATORY INFORMATION

CERCLA:	Not subject to reporting.
TSCA Listed:	Yes
SARA Title III Section 302	No
SARA Title III Section 311/312	No

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