

MATERIAL SAFETY DATA SHEET**FIBER-SEAL**

MSDS No. A-2 2003-01 ANSI/ENGLISH

AGRI-EMPRESA, INC.

6001 West Industrial

Midland, Texas 79703 U.S.A.

1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FIBER-SEAL

MANUFACTURER/SUPPLIER:AGRI-EMPRESA, INC.
6001 West Industrial
Midland, Texas 79703 U.S.A.**EMERGENCY HEALTH INFORMATION:**1 (800) 424-8802 NATIONAL RESPONSE
CENTER**OTHER PRODUCT SAFETY INFORMATION:**
(915) 694-1994**2.0 COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS	Range % by Wt.
Fiber-Seal (blend of vegetable, cotton and cellulose-based polymer fibers)	none	100

(See Section 8.0, "Exposure Controls/Personal Protection", for exposure guidelines)

3.0 HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:** Non hazardous ingredients. Potential respiratory hazard only to persons with severe obstructive lung disease when exposed to high levels of dust, not fiber as supplied.**POTENTIAL HEALTH EFFECTS:****EYE CONTACT:** None**SKIN CONTACT:** None**INHALATION:** Potential hazard only to person with existing severe obstructive lung disease upon exposure to dust, not the product as supplied.**INGESTION:** No recognized ingestion hazard.

4.0 FIRST AID MEASURES

EYE: Potential irritant if fiber particulate is not flushed from the eye. Therefore, flush eyes with plenty of water and then bring to attention of medical personnel.

SKIN: No skin contact hazards recognized.

INHALATION: Avoid inhalation of dust at levels that exceed OSHA standards for cotton dust. Avoid exposure to persons with existing severe obstructive lung disease.

INGESTION: No ingestion hazard recognized.

5.0 FIRE FIGHTING MEASURES

FLASHPOINT: Not applicable.

UEL: Not applicable.

LEL: Not applicable.

EXTINGUISHING MEDIA: Water, dry chemical or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

FIRE-FIGHTING EQUIPMENT: Wear NIOSH/MSHA approved SCBA and full fire protective equipment.

PRECAUTIONS: None.

HAZARDOUS COMBUSTION PRODUCTS: None determined.

6.0 ACCIDENTAL RELEASE MEASURES

Not applicable.

7.0 HANDLING AND STORAGE

HANDLING: Keep container closed. Do not grind to a fine fiber to avoid dust generation.

STORAGE: Do not store near flame or excessive heat sources.

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE: None.

SKIN: Not applicable - no entry through skin and not an irritant.

INHALATION: When PEL for nuisance, cellulose, or cotton dust exceeded, any dust respirator approved. When PEL for any of these dusts is exceeded, local exhaust recommended when feasible. OSHA PEL for cotton dust of 1 mg/m³; ACGIH TLV for cotton dust is 0.2 mg/m³. OSHA PEL for cellulose dust of 15 mg/m³, ACGIH TLV for cellulose dust is 10 mg/m³. Mechanical ventilation recommended if there is no local ventilation. Avoid dust generation through proper work practices (do not grind fiber or produce a fine fiber dust).

ENGINEERING CONTROLS: None specified.

EXPOSURE GUIDELINES:

Component	CAS	Exposure Limits
Fiber-Seal	None	None established

9.0 CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE AND ODOR: Coarse fiber pieces.

pH: Not determined.

VAPOR PRESSURE: Not determined.

VAPOR DENSITY: Not determined.

BOILING POINT: Not determined.

MELTING POINT: Not determined.

SOLUBILITY IN WATER: Insoluble in water.

SPECIFIC GRAVITY (WATER=1): Not determined.

10.0 STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: None identified.

MATERIALS TO AVOID: None.

HAZARDOUS DECOMPOSITION: None.

HAZARDOUS POLYMERIZATION: None.

11.0 TOXICOLOGICAL INFORMATION**ACUTE TOXICITY DATA:**

ORAL LD50: Testing not conducted. See Other Toxicity Data.

INHALATION LC50: Testing not conducted. See Other Toxicity Data.

DERMAL LD50: Testing not conducted. See Other Toxicity Data.

OTHER TOXICITY DATA:

EYE IRRITATION: Not determined. However, could be discomfort if particulate is lodged in eye.

SKIN IRRITATION: Non irritating.

Acute toxicity tests have not been conducted on this product. This product or components thereof are not listed as carcinogenic by NTP, IARC or OSHA. As with any product where dust can be produced, persons with existing severe obstructive lung disease should avoid inhalation of any fine particulate or dust produced.

12.0 ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

13.0 DISPOSAL INFORMATION

This product is a waste product of cellulose-based fibers and includes fibers of cotton and paper. No special procedures are specified.

14.0 TRANSPORTATION INFORMATION**U.S. DEPT OF TRANSPORTATION:**

Shipping Name	Cotton
Hazard Class	9
Packing Group	3
Identification Number	NA1365

INTERNATIONAL INFORMATION:

Sea (IMO/IMDG)	
Shipping Name	Not determined.
Class	Not determined.
UN Number	Not determined.
Air (ICAO/IATA)	
Shipping Name	Not determined.
Class	Not determined.
Subsidiary Class	Not determined.
European Road/Rail (ADR/RID)	
Shipping Name	Not determined.
Canadian Transportation of Dangerous Goods	
Shipping Name	Not determined.
Hazard Class	Not determined.
UN Number	Not determined.

15.0 REGULATORY INFORMATION

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4): This product is not reportable under 40 CFR Part 302.4.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370): This product is not regulated by OSHA under 29 CFR Part 1910.1200(d).

SARA TITLE III SECTION 313 (40 CFR Part 372): This product does not contain any of the substances on the Toxic Chemicals List in 40 CFR Part 372.

U.S. INVENTORY (TSCA): Not listed on inventory.
OSHA HAZARD COMMUNICATION STANDARD: Not applicable.
WHMIS Controlled Product Classification: Not determined.
EC INVENTORY (EINECS/ELINCS): Not determined.
JAPAN INVENTORY (MITI): Not determined.
AUSTRALIA INVENTORY (AICS): Not determined.
KOREA INVENTORY (ECL): Not determined.
CANADA INVENTORY (DSL): Not determined.
PHILIPPINE INVENTORY (PICCS): Not determined.

16.0 OTHER INFORMATION**Prepared by:**

Integrative Biostrategies, LLC, Houston, Texas for Agri-Empresa, Inc.

Version: 1.0**Issued:** January 19, 2003**Supersedes:** Not applicable; first version

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1. This MSDS and the information it contains is offered in good faith as accurate and complete. We have reviewed any information contained in this MSDS which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.