



Material Safety Data Sheet

NFPA	WHMIS	Personal Protective Equipment	Transport Symbol

Preparation Date 09-Mar-2009

Revision Date NOT AUTHORIZED

Revision Number NOT AUTHORIZED

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Fibersol® -2

Product Code: CORN-FIBERSOL®-2

Use of the Substance / Preparation:
Food Ingredient.

Contact Manufacturer:

Archer Daniels Midland Company
4666 Faries Parkway
Decatur, IL 62526, USA
Telephone Number: 217 424-5200

Emergency Telephone Number:
Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Off-white

Physical State Powder

Odor Odorless

Potential Health Effects

Principle Routes of Exposure

Eye contact, Skin contact, Inhalation, Ingestion.

Acute Effects

Eyes

May cause slight irritation

Skin

May cause slight skin irritation

Inhalation

May cause irritation of respiratory tract

Ingestion

Gastrointestinal disturbance.

Chronic Effects

Repeated contact may cause allergic reactions in very susceptible persons

Main Symptoms

Irritating to respiratory system.

Aggravated Medical Conditions

No information available.

Potential Environmental Effects

There is no known ecological information for this product

Toxicological information

See Section 11 for additional toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name Maltodextrin

Non-hazardous Components

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
Maltodextrin	9050-36-6	96	-
Water	7732-18-5	4	-

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin Contact	Rinse with water. If skin irritation persists, call a physician.
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Fine dust dispersed in air may ignite.
Suitable Extinguishing Media	Water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	No information available.
Hazardous Combustion Products	Carbon monoxide (CO), Carbon dioxide (CO ₂) .
Explosion Data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Yes (as dust).
Specific Hazards Arising from the Chemical	None known

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health -

Flammability 1

Stability and Reactivity -

Physical hazard -



6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid dust formation. Use personal protective equipment.
Environmental Precautions	Local authorities should be advised if significant spillages cannot be contained.
Methods for Clean-up	Shovel or sweep up. After cleaning, flush away traces with water. Avoid dust formation.

7. HANDLING AND STORAGE

Handling	Fine dust dispersed in air may ignite. Avoid dust formation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

This product is not known to contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/face Protection	Safety glasses with side-shields
Skin and Body Protection	Long sleeved clothing
Respiratory Protection	Respirator with a dust filter.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Off-white.	Physical State	Powder
Odor	Odorless	Odor Threshold	No information available
Flash Point	Not applicable	Autoignition Temperature	No information available
Boiling point	Not applicable	Melting/Freezing Point	Not applicable
Flammability Limits in Air	Not available	Explosion Limits	No information available
pH	4.5	Vapor Pressure	Not available
Solubility	Soluble.	Water Solubility	Soluble
Specific Gravity	No information available	Evaporation Rate	Not available
Vapor Density	No information available		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable.
Conditions to Avoid	Avoid dust formation.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	None known.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

LD50 Oral: No information available
LD50 Dermal: No information available

11. TOXICOLOGICAL INFORMATION

LC50 Inhalation: No information available

Toxicology data for the components

No information available

Chemical Name	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	4	90 mL/kg Rat		

Chronic Effects

Carcinogenicity

There are no known carcinogenic chemicals in this product.

OSHA: (Occupational Safety & Health Administration)

Not Listed

ACGIH: (American Conference of Governmental Industrial Hygienists)

Not Listed

NTP: (National Toxicity Program)

Not Listed

Mexico: (Official Mexican Norm NOM-010-STPS-1999)

Not Listed

IARC: (International Agency for Research on Cancer)

Not Listed

Subchronic Toxicity No information available.

Irritation No information available.

Corrosivity No information available.

Sensitization No information available.

Neurological Effects No information available.

Mutagenic Effects No information available.

Reproductive Effects No information available.

Developmental Effects No information available.

Teratogenicity No information available.

Target Organ Effects No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste water treatment plants.

Persistence/Degradability Not applicable.

Bioaccumulation/ Accumulation Not applicable.

Mobility Soluble.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Solutions with low pH-value must be neutralized before discharge.

Contaminated Packaging

Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Domestic transport regulations (USA)

DOT Not regulated

Domestic transport regulations (Canada)

TDG Not regulated

Domestic transport regulations (Mexico)

MEX Not regulated

International transport regulations

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

The components of this product are reported in the following inventories:

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	AICS	ENCS	CHINA	PICCS	KECL	NZLoC
Maltodextrin	Yes	Yes	No	Yes 232-940-4	No	Yes	No	Yes	Yes	Yes KE-22996	Yes
Water	Yes	Yes	No	Yes 231-791-2	No	Yes	No	Yes	Yes	Yes KE-35400	Yes

Legend

TSCA - Toxic Substances Control Act, Section 8(b) Inventory (USA). DSL - Domestic Substance List (Canada). NDSL - Non Domestic Substances List (Canada). EINECS - European Inventory of Existing Commercial Chemical Substances (EU). ELINCS - European List of Notified Chemical Substances (EU). AICS - Australian Inventory of Chemical Substances (Australia). ENCS - Existing and New Chemical Substances (Japan). CHINA - Chinese Inventory of Existing Chemical Substances (China). PICCS - Inventory of Chemicals and Chemical Substances (Philippines). KECL - Korean Existing and Evaluated Chemical Substances (Korea). NZLoC - New Zealand Inventory of Chemicals (New Zealand)

USA

Federal Regulations

Ozone Depleting Substances:

No Class I or Class II material is known to be used in the manufacture of, or contained, in this product.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product is not known to contain any HAPs.

State Regulations**California Proposition 65**

Proposition 65 chemicals are not expected to be found in this product above those naturally present in their agricultural source. Proposition 65 exempts naturally occurring listed chemicals from an obligation to label.

State Right-to-Know

No known components subject to "Right-To-Know" legislation in the following States:

Chemical Name	Weight %	Illinois	Massachusetts	New Jersey	Pennsylvania	Rhode Island
Maltodextrin	96	No	No	No	No	No
Water	4	No	No	No	No	No

Canada**WHMIS Product Classification**

Exempt: Food Product per Hazardous Products Act Part II Controlled Products Section 12.

WHMIS Ingredient Disclosure List IDL

No known component is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory

No known component is listed on NPRI.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Mexico

Mexico - Grade No information available.

16. OTHER INFORMATION

Prepared By	ADM Corn Processing
Preparation Date	09-Mar-2009
Revision Date	NOT AUTHORIZED
Revision Summary	Not available

Disclaimer

The information provided on this (M)SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of (M)SDS