



SAFETY DATA SHEET

Revision date:
11-11-25

Section 1: Identification

Product Identifier

Product Name: Soybean Hulls

Other means of Identification

Product Code: N/A

Chemical Name/Synonyms: Loose hulls

UN/ID No: N/A

Recommended use of the chemical and the restriction on use

Recommended Use: N/A

Restrictions on Use: N/A

Details of the supplier of the safety data sheet

Manufacturer: High Plains Processing

Address: 41021 257th St

Location: Mitchell, SD 57301

Phone: (605)-627-9240

Section 2: Hazard(s) Identification

Hazard Classification:

Mild Skin Irritant
Mild Eye Irritant
Mild Ingestion Irritant
Mild Inhalation Irritant

Signal Word(s):

Non-regulated material

Hazard Statements:

Material can cause dry skin with prolonged use.

Pictograms:

Non-regulated material

Precautionary Statements:

N/A

Precautionary Statements - Prevention:

N/A

Precautionary Statements - Response:

N/A

Precautionary Statements - Storage:

Store in a cool, dry place

Precautionary Statements - Disposal:

N/A

Acute Toxicity:

N/A

Description of other hazards:

N/A

Section 3: Composition/ Information on Ingredients

None known.

Chemical Name	Synonym	CAS#	Conc.
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Section 4: First-Aid Measures

Description of first aid measures:

Show this safety data sheet to the attending doctor.

After skin contact:

Flush with water. Contact a physician if irritation persists.

After eye contact:

Flush with water. Contact a physician if irritation persists.

After inhalation:

Inhalation may cause an allergic reaction in persons with soy allergy.

After swallowing:

Give plenty of water. Do not induce vomiting. Check with the physician if irritation persists. Ingestion may cause an allergic reaction in a person with a soy allergy.

Self-protection of the first aider:

N/A

Most Important symptoms and effects, both acute and delayed:

N/A

Indication of any immediate medical attention and special treatment needed:

N/A

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Large Fire:

N/A

Specific hazards arising from the chemical:

Possible risk of auto ignition/spontaneous combustion under high temperature, closed conditions if material is absorbed on various fiber matrices and in the presence of oxygen (e.g. oily rags).

Hazardous combustion products:

Carbon dioxide or carbon monoxide

Explosion data:

Upper flammable limit – Not tested.

Lower flammable limit – Not tested.

Explosion data (Sensitivity to impact and/or Sensitivity to static discharge) – Not explosive.

Flashpoint and method – >200 °C by ASTM D92

Flammable:

Dust may be ignited. The product will smolder and hold an ember.

Means of Extinction:

CO2, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special protective equipment for fire-fighters:

N/A

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Personal precautions:

N/A

Other information:

Refer to the protective measures listed in sections 7 and 8.

Methods and materials for containment and cleaning up

Measures for environmental protection:

Prevent the entry of materials into the waters of the state or sanitary sewers.

Measures for cleaning/collecting:

Material can be swept up and placed in an appropriate receptacle. Dispose of the collected material according to regulations (See section 13).

Section 7: Handling and Storage

Precautions for safe handling

Advice on safe handling:

Avoid the formation of dust. Dust in closed environments could result in a dust explosion if an ignition source is present.

Conditions for safe storage, including any incompatibilities

Storage Conditions:

Store in a cool, dry place.

Incompatible Materials:

N/A

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure Limits:

N/A

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
N/A	N/A	N/A	N/A	N/A

Exposure Guidelines:

N/A

Appropriate engineering controls

Engineering controls:

No special engineering controls required.

Individual protection measures, such as personal protective equipment

General hygiene considerations:

N/A

Respiratory protection:

If dust is present, a general particle mask is recommended. (e.g. N-95 / P-100)

Hand protection:

Wear gloves if handling in large quantities or if the person is hypersensitive to the material.

Eye/face protection:

Always wear protective eyewear.

Skin and body protection:

N/A

Environmental exposure controls:

N/A

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State:

Solid

Appearance:

Fine ground solids with a light brown color

Odor:

Mild earthy odor

Odor threshold:

No information available

pH:

6.4 S.U.

Salt Out Point:

N/A

Melting point/Freezing point:

N/A / $< 0^{\circ}\text{C}$

Boiling point/boiling range:

$>200^{\circ}\text{C}$

Flash point:

No information available

Evaporation rate:

Not tested.

Flammability (solid, gas):

No information available

Flammability Limits in Air:

No information available

Vapor Pressure:

No information available

Vapor density:

No information available

Specific gravity:

No information available

Water solubility:

Insoluble

Solubility(ies):

No information available

Partition Coefficient:

No information available

Auto ignition temperature:

No information available

Decomposition temperature:

No information available

Kinematic viscosity:

No information available

Dynamic viscosity:

No information available

Other information**Explosive properties**

No information available

Oxidizing properties

No information available

Relative density:

0.422 g/cm³ at 25 °C

Section 10: Stability and Reactivity**Reactivity:**

Non-reactive to acid, base, and water.

Chemical stability:

N/A

Possibility of hazardous reactions:

N/A

Conditions to avoid:

N/A

Incompatible materials:

Strong oxidizer

Hazardous decomposition products:

Carbon Dioxide

Section 11: Toxicological Information**Information on likely routes of exposure****Product information****Inhalation:**

Mild sensitizer

Eye contact:

Mild sensitizer

Skin contact:

Mild sensitizer

Ingestion:

Mild sensitizer

Symptoms related to the physical, chemical, and toxicological characteristics**Symptoms:**

N/A

Numerical measures of toxicity

N/A

Acute Toxicity

Sensitive individuals may exhibit skin, eye, or respiratory irritation. Soy-based product.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation:

Mild sensitizer

Serious eye damage/eye irritation:

Mild sensitizer

Respiratory or skin sensitization:

Mild sensitizer

Germ cell mutagenicity:

N/A

Carcinogenicity:

N/A

Reproductive toxicity:

N/A

STOT – single exposure:

N/A

STOT – repeated exposure:

N/A

Aspiration hazard:

N/A

Other Adverse Effects:

N/A

Section 12: Ecological Information (non-mandatory)**Ecotoxicity:**

No known toxicity.

Acute Toxicity:

N/A

Persistence and Degradability:

N/A

Bioaccumulation:

Material may increase the organic load of water

Mobility:

N/A

Other Adverse Effects:

N/A

Section 13: Disposal Considerations (non-mandatory)**Waste treatment methods****Waste from residues/unused products**

Must be disposed of in accordance with federal, state, and local environmental control regulations.
May be placed in a licensed municipal landfill in most cases, verify with your local landfill.

Contaminated packaging

N/A

Section 14: Transport Information (non-mandatory)**DOT****UN/ID No**

N/A

Proper shipping name

N/A

Hazard Class

N/A

Packaging Group

N/A

Description

N/A

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations

SARA Section 355 (extremely hazardous substances): Not listed.

SARA Section 313 (specific toxic chemical listings): Not listed.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): Not listed.

TSCA (Toxic Substances Control Act): Not listed.

Section 16: Other Information

SDS date of preparation/update: Midwest Labs performed the analysis on the soybean hulls (Report # 15-117-4047) on 4/27/2015. Contact info:

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