



# SAFETY DATA SHEET

Revision date:  
11-11-25

## Section 1: Identification

### **Product Identifier**

**Product Name:** Refined and Bleached Soybean Oil

### **Other means of Identification**

**Product Code:** N/A

**Chemical Name/Synonyms:** RB Soybean Oil (Vegetable Oil)

**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
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Mild Eye Irritant
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Mild Ingestion Irritant
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### **Signal Word(s):**

Non-regulated material

### **Hazard Statements:**

Material can cause dry skin with prolonged use.

### **Pictograms:**

Non-regulated material

### **Precautionary Statements:**

Material can be a mild irritant on the skin or in the eyes.

### **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:**

N/A

**After swallowing:**

Give plenty of water. Do not induce vomiting. Check with the physician about treatment. In most individuals, material should not cause health issues if ingested.

**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. Do not use water.

**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 – 228° C by ASTM D93

**Flammable:**

Vapors may ignite. Material will burn on water.

**Means of Extinction:**

CO2, sand, and extinguishing powder. Do not use water.

**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:**

Absorb with a general absorbent or liquid-binding material, such as kitty litter. Dispose of the collected material according to regulations (See section 13).

**Section 7: Handling and Storage**

**Precautions for safe handling**

**Advice on safe handling:**

N/A

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions:**

Store in a cool, dry, well-ventilated area away from direct sunlight and any incompatible materials (see Section 10).

**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:**

N/A

**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:**

Liquid

**Appearance:**

Viscous yellow liquid

**Odor:**

Typical oil odor

**Odor threshold:**

No information available

**pH:**

4.40 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:**

$325^{\circ}\text{C}$

**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:**

Immiscible in water

**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:**

0.920 g/mL at 25 °C

**Section 10: Stability and Reactivity**

**Reactivity:**

Non-reactive to acid, base, and water.

**Chemical stability:**

The product is stable

**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.

**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. Absorbed/solidified material may be placed in a licensed municipal landfill in most cases, verify with 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 refined and bleached soybean oil (Report # 15-062-4068) on 3/3/2015. Contact info:

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Omaha, Nebraska  
68144-3693

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