

# SAFETY DATA SHEET

## Rice Bran Oil

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Rice Bran Oil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

#### Emergency Overview

Spontaneous combustion (fire) may result from oil soaked materials such as rags, steel wool, paper, and clothing. Place soaked materials in a sealed, metal container to prevent this. The product contains no substances which at their given concentration, are considered to be hazardous to health.

#### Appearance

Light Yellow

#### Physical State

Liquid

#### Odor

Bland

**This product is NOT classified as hazardous according to 29 CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (OSHA / GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico). However, vegetable oil (in mist form) is known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant.**

**Occupational exposure limits are subsequently provided in section 8 of this SDS.**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Family Oil**

**Non-hazardous Components**

Chemical Name	CAS-No	Weight %	North American Hazard Indicator
Rice Bran Oil	68553-81-1	99-100	None Known

**4. FIRST AID MEASURES**

**Description of first aid measures**

**General Advice**

No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice. Use of the Substance / Preparation: Food Ingredient Animal Feed Industrial use

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids.

**Skin Contact**

Wash off with warm water and soap.

**Inhalation**

Move to fresh air.

**Ingestion**

No special measures required. Health injuries are not known or expected under normal use.

**Most important symptoms and affects, both acute and delayed**

**Eyes**

Not expected to pose health issues for the eye.

**Skin**

Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.

**Inhalation**

Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.

**Ingestion**

Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**Flammable Properties**

Material may pose fire hazard because it is dispersed (or spread) by water.

**Extinguishing media**

**Suitable Extinguishing Media**

Dry chemical. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Foam. Sand. Fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

**Special hazards arising from the substance or mixture**

**Hazardous Combustion Products**

Thermal decomposition can lead to release of irritating gases and vapors, Acrolein, Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Smoke, Fumes.

**Specific Hazards Arising from the Chemical**

Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray.

**Sensitivity to mechanical impact**

No information available.

**Sensitivity to static discharge**

No information available.

**Advice for fire-fighters**

**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** 0

**Flammability** 1

**Stability and Reactivity** 0

**Physical hazard** None known



**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**

Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not allow product to reach soil, sewage system or any water course.

**Methods for Clean-up**

Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. For disposal information see section 13. Clean contaminated surface thoroughly.

**Other Information**

Oil soaked materials may spontaneously combust

**7. HANDLING AND STORAGE**

**Handling**

Ensure adequate ventilation. Do not use pressure to empty drums. Keep away from open flames, hot surfaces and sources of ignition.

**Storage**

Keep in a cool sheltered place. To maintain product quality, do not store in heat or direct sunlight.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits**

As an airborne mist containing vegetable oil, exposure limits pertaining to "vegetable oil mist" have been provided below

Chemical Name	ACGIH TLV	OSHA PEL	MEXICO	NIOSH
vegetable oil mist	TVL: 10 mg/m(3)	TWA: 5 mg/m <sup>3</sup> mist, respirable fraction TWA: 15 mg/m <sup>3</sup> mist, total	TWA: 10 mg/m <sup>3</sup> except irritant oils	TWA: 10 mg/m <sup>3</sup> total mist TWA: 5 mg/m <sup>3</sup> respirable mist

**Engineering Measures**

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

**General Hygiene Considerations**

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Handle in accordance with good industrial hygiene and safety practice.

**Personal Protective Equipment**

**Eye/face Protection**

If exposed to airborne mist, or if splashing is possible, appropriate safety glasses with side-shields or safety goggles are recommended.

**Skin and Body Protection**

Oil resistant gloves are recommended. Appropriate body protection should be selected based on activity and possible exposure. Also take into consideration the specific local conditions under which the product is used.

**Respiratory Protection**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection.



**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Light Yellow
<b>Physical State</b>	Liquid
<b>Odor</b>	Bland
<b>Odor Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Flash Point</b>	Greater than 315 °C
<b>Autoignition Temperature</b>	Not auto-flammable
<b>Boiling Point</b>	Not applicable
<b>Melting/Freezing Point</b>	Not applicable
<b>Decomposition Temperature</b>	No information available
<b>Oxidizing Properties</b>	Not expected to be oxidizing
<b>Water Solubility</b>	Insoluble
<b>Solubility (in organic solvents)</b>	Soluble in many organic solvents
<b>Evaporation Rate</b>	No information available
<b>Vapor Pressure</b>	No information available

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<b>Vapor Density</b>	No information available
<b>Specific Gravity / Relative Density</b>	Approx. 0.9 (H <sub>2</sub> O=1)
<b>Partition Coefficient (n-octanol/water)</b>	No information available

## 10. STABILITY AND REACTIVITY

### Stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible Materials

No materials to be especially mentioned.

### Hazardous Decomposition Products

Thermal decomposition leads to formation of acrolein, Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), Smoke, Fumes.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

<b>Acute toxicity</b>	Based on available data, no evidence of acute toxicity.
<b>Skin corrosion/irritation</b>	Based on available data, not, or only slightly irritating.
<b>Serious eye damage/eye irritation</b>	Based on available data, no evidence of serious eye damage / irritation.
<b>Respiratory or skin sensitisation</b>	Based on available data, not expected to be a skin or respiratory sensitiser.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, no evidence of carcinogenicity.
<b>Reproductive toxicity</b>	Based on available data, no evidence of reproductive

	toxicity
<b>STOT - single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, no known aspiration hazard.

**Potential health effects**

**Eyes**

Not expected to pose health issues for the eye.

**Skin**

Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.

**Inhalation**

Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.

**Ingestion**

Health injuries are not known or expected under normal use. Overexposure may cause:Gastrointestinal disturbance.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Not classified for aquatic toxicity.

**Persistence/Degradability**

Readily biodegradable.

**Mobility**

The product is insoluble and floats on water.

**13. DISPOSAL CONSIDERATIONS**

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste.

**Waste Disposal Methods**

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Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion.

**Contaminated Packaging**

Empty containers should be decontaminated and 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	TS CA	DS L	ND SL	EINE CS	ELIN CS	AICS	ENCSI SHL	CHINA	PICCS	KECL	NZIOC
Rice Bran Oil	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes

**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**

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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.

**CERCLA/SARA 103-302**

Sections 103-302 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 103-302.

**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 63)**

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**

Component Information.

Chemical Name	Weight %	Massachusetts	Minnesota	New Jersey	Pennsylvania
Rice Bran Oil	99-100	No	No	No	Yes

**Canada**

**WHMIS Product Classification**

Not a WHMIS controlled product.

**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.**

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**Mexico**

**Mexico - Grade**

Slight risk, Grade 1

## **16. OTHER INFORMATION**

**All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.**

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