Safety Data Sheet according to Regulation (EC) No 1907/2006

Organic Rice Bran Oil (Oryza sativa)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Rice Bran Oil

Further trade names
Rice Bran Oil CO₂ Extraction, Organic

CAS No: 68553-81-1
EC No: 271-397-8

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
Manufacture of food products, Cosmetics, personal care products

1.3. Details of the supplier of the safety data sheet
Company name: NHR Organic Oils
Street: 24 Chatham Place
Place: Brighton, BN1 3TN, UK
Telephone: +44 (0) 1273 746505
e-mail: info@nhrorganicoils.com
Internet: www.nhrorganicoils.com

1.4. Emergency telephone number:
Poison Emergency Centre Munich Tel +49 (0)89 / 19 240

Further Information
REACH Status:
This product is exempt from registration according to Annex IV and V, paragraph 9 of Regulation (EC) No 1907/2006.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Regulation (EC) No. 1272/2008
This substance is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards
No information available.

SECTION 3: Composition/information on ingredients

3.1. Substances
Chemical characterization
INCI-Name: ORYZA SATIVA BRAN OIL
SECTION 4: First aid measures

4.1. Description of first aid measures
   - After inhalation
     Provide fresh air.
   - After contact with skin
     Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.
   - After contact with eyes
     Rinse immediately carefully and thoroughly with eye-bath or water.
   - After ingestion
     Rinse mouth immediately and drink plenty of water. Observe risk of aspiration if vomiting occurs.

4.2. Most important symptoms and effects, both acute and delayed
   No information available.

4.3. Indication of any immediate medical attention and special treatment needed
   Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media
   - Suitable extinguishing media
     extinguishing powder, carbon dioxide, foam, sand or earth
   - Unsuitable extinguishing media
     Water

5.2. Special hazards arising from the substance or mixture
   - difficult to ignite
     In case of fire may be liberated: carbon black, Carbon monoxide, Carbon dioxide.

5.3. Advice for firefighters
   - In case of fire: Wear self-contained breathing apparatus.

Additional information
   Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
   - Remove all sources of ignition. Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions
   - Do not allow to enter into surface water or drains. If large quantities are released, inform the competent authorities.

6.3. Methods and material for containment and cleaning up
   - Cover drains. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
   - Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections
   - Safe handling: see section 7
   - Personal protection equipment: see section 8
   - Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling
   - Advice on safe handling
     Special danger of slipping by leaking/spilling product.
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Advice on protection against fire and explosion
Not readily combustible. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Store in a dry, well-ventilated place and protect from heat or direct sunlight.

Advice on storage compatibility
Do not store together with: Oxidizing agent

Further information on storage conditions
Recommended storage temperature: 10-30°C

7.3. Specific end use(s)
Manufacture of food products, Cosmetics, personal care products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures
Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection
Not mandatory.

Hand protection
Not mandatory.

Skin protection
Wear suitable protective clothing.

Respiratory protection
Respiratory protection required only when vapours and spray mist are present. filter: A Colour code: brown

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: yellow to green
Odour: characteristic

pH-Value: not applicable

Changes in the physical state
Melting point: ca. -15 °C
Initial boiling point and boiling range: > 230 °C
Flash point: > 130 °C
Ignition temperature: > 200 °C
Decomposition temperature: > 300 °C

Oxidising properties
Not oxidising.

Vapour pressure: not determined
Density: 0.89 - 0.94 g/cm³
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**Organic Rice Bran Oil (Oryza sativa)**

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water

**Solubility in other solvents**

Soluble in: non-polar organic solvents

Partition coefficient: > 6

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**SECTION 10: Stability and reactivity**

10.1. **Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. **Chemical stability**

The product is stable under storage at normal ambient temperatures.

10.3. **Possibility of hazardous reactions**

Reacts with strong oxidizing agents. Fire hazard.

10.4. **Conditions to avoid**

Avoid humidity and exposure of light and air. Keep away from sources of heat and ignition. Protect from direct sunlight.

10.5. **Incompatible materials**

No information available.

10.6. **Hazardous decomposition products**

Thermal decomposition from 300°C. Carbon monoxide, Carbon dioxide, Hydrocarbons, gaseous.

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**SECTION 11: Toxicological information**

11.1. **Information on toxicological effects**

**Additional information on tests**

The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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**SECTION 12: Ecological information**

12.1. **Toxicity**

The product is not: Ecotoxic.

12.2. **Persistence and degradability**

Biodegradable.

12.3. **Bio accumulative potential**

The product has not been tested.

12.4. **Mobility in soil**

The product has not been tested.

12.5. **Results of PBT and vPvB assessment**

The product has not been tested.

12.6. **Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

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**SECTION 13: Disposal considerations**

13.1. **Waste treatment methods**
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Advice on disposal
Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging
The completely emptied packaging, which has been cleaned with soap and water, can be disposed of via household waste.

SECTION 14: Transport information

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information
2004/42/EC (VOC): 100 % (920 g/l)
Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information
Water contaminating class (D): generally water contaminating

15.2. Chemical safety assessment
For this substance a chemical safety assessment has not been carried out.

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Further Information
The information is based on present level of our knowledge. It does not, however, given assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.