

Material Safety Data Sheet
CRUDE SOYBEAN OIL

1. IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

- 1.1. **Product name:** Row Soybean Oil
1.2. **CAS#:** 8001-22-7
1.3. **Supplier:** BANKOM DOO, Bulevar Nikole Tesle 30a, 11080 Zemun, Belgrade, SERBIA
1.4. **Manufacturer:** Oil and protein plant BIOPROTEIN AD, Nemanjina bb, 11500, Obrenovac, SERBIA
1.5. **Telephone:** +381 11 319 00 52
1.6. **Emergency telephone:** +381 11 875 48 91

2. HAZARDS IDENTIFICATION

CAUTION!

Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Potential Health Effects

Inhalation: No adverse effects due to inhalation are expected.

Eye Contact: May cause temporary eye irritation.

Skin Contact: Prolonged contact may cause dryness of the skin.

3. COMPOSITION AND INFORMATION OF INGREDIENTS

3.1. Composition:

Name	CAS#	% by Weight
Soybean oil	8001-22-7	100

3.2. Toxicological Data on Ingredients: Not applicable.

4. FIRST AID MEASURES

4.1. Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

4.2. Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

4.3. Serious Skin Contact: Not available.

4.4. Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

4.5. Serious Inhalation: Not available.

4.6. Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

4.7. Serious Ingestion: Not available



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5. FIRE AND EXPLOSION DATA

- 5.1. **Flammability of the Product:** May be combustible at high temperature.
- 5.2. **Auto-Ignition Temperature:** 445°C (833°F)
- 5.3. **Flash Point:** > 121°C (249,8°F)
- 5.4. **Flammable Limits:** Not available.
- 5.5. **Products of Combustion:** Not available.
- 5.6. **Fire Hazards in Presence of Various Substances:** Not available.
- 5.7. **Explosion Hazards in Presence of Various Substances:**
- **Risks of explosion of the product in presence of mechanical impact:** Not available.
 - **Risks of explosion of the product in presence of static discharge:** Not available.
- 5.8. **Fire Fighting Media and Instructions:**
- **SMALL FIRE:** Use DRY chemical powder.
 - **LARGE FIRE:** Use water spray, fog or foam. Do not use water jet.
- 5.9. **Special Remarks on Fire Hazards:** Not available.
- 5.10. **Special Remarks on Explosion Hazards:** Not available.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. **Small Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.
- 6.2. **Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. HANDLING AND STORAGE

- 7.1. **Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapour/spray.
- 7.2. **Storage:** It is recommended to store in tanks where product will not be in contact with moisture and high temperature and where will be protected from entry of rodents, insects, birds and other animals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. **Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- 8.2. **Personal Protection:** Safety glasses. Lab coat.
- 8.3. **Personal Protection in Case of a Large Spill:** Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- 8.4. **Exposure Limits:** Not available.



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9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1. **Physical state and appearance:** Liquid.
9.2. **Odour:** Very pleasant and characteristic for raw material, without unusual flavour and without flavour typical for rancidity.
9.3. **Taste:** Very pleasant and characteristic for raw material, without unusual flavour and without flavour typical for rancidity.
9.4. **Molecular Weight:** Not available.
9.5. **Color:** Characteristic
9.6. **pH (1% soln/water):** Not available.
9.7. **Boiling Point:** Not available.
9.8. **Melting Point:** Not available.
9.9. **Critical Temperature:** Not available.
9.10. **Specific Gravity ($x^{\circ}\text{C}$ /water 20°C):** 0,924 ($x=20^{\circ}\text{C}$)
9.11. **Vapor Pressure:** Not available.
9.12. **Vapor Density:** Not available.
9.13. **Moisture and volatile matter content (%):** 0,06
9.14. **Odor Threshold:** Not available.
9.15. **Water/Oil Dist. Coeff.:** Not available.
9.16. **Ionicity (in Water):** Not available.
9.17. **Dispersion Properties:** Not available.
9.18. **Insoluble impurities (%):** 0,05

10. STABILITY AND REACTIVITY DATA

- 10.1. **Stability:** The product is stable.
10.2. **Instability Temperature:** Not available.
10.3. **Conditions of Instability:** Not available.
10.4. **Incompatibility with various substances:** Not available.
10.5. **Corrosivity:** Non-corrosive in presence of glass.
10.6. **Special Remarks on Reactivity:** Not available.
10.7. **Special Remarks on Corrosivity:** Not available.
10.8. **Polymerization:** No.

11. TOXICOLOGICAL INFORMATION

- 11.1. **Accute Effects of Overexposure:** None established.
11.2. **Chronic Effects of Overexposure:** None established.
11.3. **Medical Conditions Generally Aggravated by Exposure:** None.
11.4. **Irritancy:**
 - **Skin:** Not expected to be an irritant.
 - **Eyes:** Not expected to be an irritant.

11.5. **Carcinogenicity:** None.



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12. ECOLOGICAL INFORMATION

- 12.1. **Ecotoxicity:** Not available.
- 12.2. **BOD5 and COD:** Not available
- 12.3. **Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
- 12.4. **Toxicity of the Products of Biodegradation:** The products of degradation are more toxic.
- 12.5. **Special Remarks on the Products of Biodegradation:** Not available.

13. DISPOSAL CONSIDERATION

- 13.1. **Waste Disposal Methods:** Do not put into sewer lines. Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

- 14.1. **UN number:** ADR, RID, IMDG, IATA- not dangerous goods
- 14.2. **Proper shipping name:** ADR, RID, IMDG, IATA - not dangerous goods
- 14.3. **Transport hazard class:** ADR, RID, IMDG, IATA - not dangerous goods
- 14.4. **Packing group:** ADR, RID, IMDG, IATA- not dangerous goods
- 14.5. **Environmental hazards:** ADR, RID, IMDG, IATA - not dangerous goods
- 14.6. **Special precautions for user:** Not special requirements and no restriction on transportation by land, sea or air.

15. OTHER REGULATORY INFORMATION

- 15.1. **Complies with applicable standard and EU regulations:** Legal provisions and relevant standard GMP+B2(2010), GMP+BA1, GMP+BA4, requirements (EU R 68/2013, 767/2009, EU R 1829/2003, 574/2011, 744/2012, 1275/2013, 277/2012), customer requirements.
- 15.2. **Reference regulations** (legislation, regulation, or standard): SRPS E.B417 1990, The Regulations on genetically modified organisms (EE 1829/2003). Regulation (EC) No396/2005 of the European Parliament and of the Council on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC and Annexes I, II, III, IV and VII. i Anex GMP+BA1, Commission Regulation (EU) No 1275/2013 of 6 december 2013 ,No 744/2012 of august 2012, No 574/2011 of 16 june 2011.

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16. ADDITIONAL INFORMATION

16.1. See Product Description.

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