

# Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

## Raw degummed virgin soybean oil

Version number: GHS 2.0  
Replaces version of: 2021-03-02 (GHS 1)

Revision: 2023-01-25

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

#### 1.1 Product identifier

Trade name **Raw degummed virgin soybean oil**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses professional use  
consumer use (private households)  
use in the food and feed industry.  
The product is made from GMO-free soybeans.

#### 1.3 Details of the supplier of the safety data sheet

GAMOTA JR s.r.o.  
Stracinska cesta 70  
990 01 Male Straciny  
Slovakia

Telephone: 00421 902 945 430

e-mail (competent person) vido@gamota.sk

#### 1.4 Emergency telephone number

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification acc. to GHS  
This mixture does not meet the criteria for classification.

#### 2.2 Label elements

Labelling  
not required

#### 2.3 Other hazards

Results of PBT and vPvB assessment  
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

The mixture does not contain substances posing a health or environmental hazard within the meaning of Regulation (EC) 1272/2008, substances with a defined occupational exposure limit or substances classified as PBT or vPvB at a concentration that would have to be listed in the safety data sheet.  
The product contains more than 19% mono-unsaturated fatty acids and more than 60% poly-unsaturated fatty acids. It is rich in omega 3 and omega 6 fatty acids .

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

Following skin contact

Wash with plenty of soap and water. Seek medical help if needed (if irritation occurs).

Following eye contact

If you use contact lenses remove them if it is possible. Hold the eyelids open and rinse with plenty of water for at least 15 minutes. Immediately seek medical help of an ophthalmologist.

Following ingestion

Do NOT induce vomiting. Get immediate medical advice/attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

Description of known symptoms following exposure, if relevant - see section 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

The product is not flammable. Extinguishing measures to surroundings.

Suitable extinguishing media

BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

#### 5.2 Special hazards arising from the substance or mixture

##### 5.2.1 Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance. Common protective equipment for firefighters in chemical extinguishing, self-contained breathing apparatus and protective clothing.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Stop the leak if possible and safe to do so (seal, close the liquid isolation valve, put the leaking or damaged container to emergency container). Eliminate all sources of ignition. Ventilate affected area.

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

#### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. Collect contaminated soil and dispose of it.

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### 6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). sawdust, kieselgur (diatomite), sand. universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Comply with the current legislation concerning the prevention of industrial risks. Containers which were opened must be carefully closed and kept upright to prevent leakage.

Recommendations

- Handling of incompatible substances or mixtures

Wear suitable personal protection. Do not breathe vapour.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.

Managing of associated risks

- Flammability hazards

Ensure easy access to fire fighting measures in the place of use and storage.

### 7.3 Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Occupational exposure limit values (Workplace Exposure Limits)

this information is not available

### 8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Use personal protective equipment with CE marking.

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### Eye/face protection

Wear safety glasses or face protection when there is a likelihood of exposure.

### Skin protection

#### - Hand protection

Wear suitable gloves. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### - Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### Thermal hazards

In case of working with hot/molten material.

### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	liquid
Colour	brown
Odour	odourless
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	>350 °C
Flammability	product is combustible
Lower and upper explosion limit	information on this property is not available
Flash point	262.5 °C (c.c.)
Auto-ignition temperature	not determined
Decomposition temperature	not relevant
pH (value)	not determined not relevant
Kinematic viscosity	65.01 mm <sup>2</sup> /s at 20 °C

### Solubility(ies)

Water solubility	miscible in any proportion not relevant
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### Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapour pressure	not determined
Density and/or relative density	not relevant
Relative vapour density	information on this property is not available
Particle characteristics	not relevant (liquid)

### 9.2 Other information

Humidity and volatile material: max. 0.2% m / m  
Insoluble impurities: max. 0.050 m / m  
Acid number: max. 4 mg KOH / g fat  
Peroxide number: max. 15 .

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

Strong oxidisers.

### 10.4 Conditions to avoid

Store away from direct sunlight, heat sources and fire.

### 10.5 Incompatible materials

There is no additional information.

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to GHS

This mixture does not meet the criteria for classification.

#### Acute toxicity

Not classified as a mixture with acute toxicity.

#### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

#### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

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### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### Symptoms related to the physical, chemical and toxicological characteristics

#### If swallowed:

Symptoms can be similar to those of inhalation poisoning of varying severity and consequences

#### If in eyes:

Causes tears, Irritation

#### If inhaled:

Cough, pain, choking, and breathing difficulties

#### If on skin:

Repeated exposure may cause skin dryness or cracking

## 11.2 Information on other hazards

There is no additional information.

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available.

### 12.2 Persistence and degradability

Information on this property is not available.

#### Biodegradation

Not applicable - contains inorganic substances.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Data are not available.

### 12.6 Endocrine disrupting properties

Information not available.

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### 12.7 Other adverse effects

Harmful effects to aquatic organisms due to pH-shift.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Sewage disposal-relevant information

Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

- |      |   |  |
|------|---|--|
| 14.1 | UN number or ID number                                  | not assigned   |
| 14.2 | UN proper shipping name                                 | not assigned   |
| 14.3 | Transport hazard class(es)                              | not assigned   |
| 14.4 | Packing group   | not assigned   |
| 14.5 | Environmental hazards                                   | non-environmentally hazardous acc. to the dangerous goods regulations        |
| 14.6 | Special precautions for user                            | Provisions for dangerous goods (ADR) should be complied within the premises. |
| 14.7 | Maritime transport in bulk according to IMO instruments | The cargo is not intended to be carried in bulk.                             |

### Information for each of the UN Model Regulations

#### Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) - Additional information

not assigned

#### International Maritime Dangerous Goods Code (IMDG) - Additional information

not assigned

#### International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

not assigned

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU)

Regulation of the European Parliament and of the Council (EC) No. 1907/2006 (REACH) as amended,  
Regulation of the European Parliament and of the Council (EC) No. 1272/2008 (CLP) as amended.

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

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### SECTION 16: Other information

#### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety-relevant
9.1	Boiling point or initial boiling point and boiling range: not determined	Boiling point or initial boiling point and boiling range: >350 °C	yes

#### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
DGR	Dangerous Goods Regulations (see IATA/DGR)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
vPvB	Very Persistent and very Bioaccumulative

#### Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

#### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Training advice

Training recommendations: Workers must be aware of handling risks and health and environmental protection requirements.

#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.