



## Safety Data Sheet

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

<b>1.1 Product Identifier</b>					
Product Name		Soyabean Oil Refined			
Biological Definition		Glycine Soja Oil is the oil obtained from the non-GM beans of soy, Glycine soja, Leguminosae, by extraction or expression. It consists essentially of triglycerides of oleic, linoleic and saturated acids.			
INCI Name		Glycine Soja Oil.			
Synonyms & Trade Names		-			
CAS-No	8001-22-7	EC No.	232-274-4	EINECS No.	232-274-4
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
No additional data available.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1					
<b>1.4 Emergency Tel. No.</b>		604-540-8700 (Monday-Friday 8:30 am-4:30 pm)			

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
Not classed as a hazardous substance.	
Classification (EC 1272/2008)	
Not classed as a hazardous substance.	
<b>2.2 Label Elements</b>	
Label in accordance with (EC) No 1272/2008	
None.	
Signal Word	None.
Contains	Contains no hazardous substances.
Hazard Statements	
None.	
Precautionary Statements	
None.	
Supplementary Precautionary Statements	
None.	
<b>2.3 Other Hazards</b>	
PBT or vPvB according to Annex XIII	Not applicable.
Adverse physio-chemical properties	None.
Adverse effects on human health	None.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

100% Glycine Soja Oil - Cas# 8001-22-7 Not classed as a hazardous product.

### 04. FIRST AID MEASURES

#### 4.1 Description of first aid measures

Inhalation	N/A.
Ingestion	First aid is normally not required.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention if discomfort continues. Continue to rinse.

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

None.

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

None.

### 05. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Dry Chemical Powder. Foam. Water fog.  
Unsuitable extinguishing media: Do not use solid water stream: Superheating effect. Scattering may spread the fire.

#### 5.2 Special hazards arising from the product

Formation of acrolein by thermal decomposition (> 270°C); Fire water.

#### 5.3 Advice for firefighters

Acrolein vapour protection, e.g. self-contained breathing apparatus.

### 06. ACCIDENTAL RELEASE MEASURES

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

Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.

#### 6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.

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

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs; Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK/EU Environmental regulations.



#### 6.4 Reference to other sections

Please refer to Section 8 - Exposure controls/personal protection for further information on personal precautions.  
Please refer to Section 13 - Disposal Considerations for further information on waste treatment.

## 07. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>
Use oil-resistant equipment, e.g. gaskets and hoses. See also section 8.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>
Prevent accidental release into sewage systems, water courses or onto the ground. In case of heating apply FOSFA heating instructions to protect the product from thermal deterioration.
<b>7.3 Specific end use(s)</b>
Apply appropriate product hygiene according to the intended, final use.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	
Avoid oil mist formation and ensure adequate ventilation, especially in confined areas.	
<b>8.2 Exposure controls</b>	
Protective Equipment	
  Goggles                  Gloves	
Process Conditions	No special measures required.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Use adequate ventilation.
Hand Protection	If handling hot oil: Use chemically resistant gloves if there is a risk of direct contact or splashing.
Eye Protection	If product may splash or accidentally be ejected, the use of safety goggles is recommended.
Other Protection	Slip proof shoes may be worn in event of spillages.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	If handling hot oil: Wear appropriate clothing to prevent possibility of skin contact.
Skin Protection	If handling hot oil: Wear appropriate clothing to prevent possibility of skin contact.
Environmental Exposure Controls	Avoid discharging into drainage water.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Clear liquid.
Colour	Pale yellow.
Odour	Characteristic.
Relative Density	0.910 - 0.930 @ 20°C
Flash Point (°C)	>230°C.
Refractive Index	1.465 - 1.475 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	>300°C
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oils.
Auto-ignition temperature (°C)	No additional data available.

<b>9.2 Other information</b>
No additional data available.

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>
Generally stable, becomes rancid on prolonged exposure to air. Formation of free fatty acids. It presents no significant reactivity hazards, by itself or in contact with water.
<b>10.2 Chemical stability</b>
Stable under the recommended handling and storage conditions.
<b>10.3 Possible hazardous reactions</b>
None.
<b>10.4 Conditions to Avoid</b>
Don't heat above 270°C, at atmospheric pressure, to prevent acrolein formation.
<b>10.5 Incompatible materials</b>
Avoid contact with strong acids, alkalis and oxidising agents.
<b>10.6 Hazardous Decomposition Products</b>
No thermal decomposition if used according to specifications / at temperatures below 150°C.

## 11. TOXOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Non Toxic Product.
Skin corrosion / irritation	Non Toxic Product.
Serious eye damage / irritation	Non Toxic Product.
Respiratory or skin sensitisation	Non Toxic Product.
Germ Cell Mutagenicity	Non Toxic Product.
Carcinogenicity	Non Toxic Product.
Reproductive toxicity	Non Toxic Product.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	Not photo toxic.
Other Information	None.

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>
Ecotoxicity Does not meet the criteria for environmental classification.
<b>12.2 Persistence &amp; degradability</b>
Persistence and degradability Ready biodegradable. Degradable by a range of bacteria, fungi, yeasts and algae.
<b>12.3 Bioaccumulation Potential</b>
Bioaccumulative potential Low potential to bioaccumulate in aquatic or terrestrial organisms, even after repeated exposure.
<b>12.4 Mobility in soil</b>
Mobility Not expected to persist and distribute in aquatic or terrestrial environments, nor to be volatilized.

<b>12.5 Results of PBT and vPvB Assessment</b>
Results of PBT assessment Not considered to be PBT or vPvB.
<b>12.6 Other adverse effects</b>
Possibility of to be afloat on body of standing water.

### 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Substance / Mixture Incineration in approved installations or other disposal in line with the applicable legislation. Contaminated Packaging Disposal must be made according to national and regional provisions. Europäischer Abfallkatalog Code number: 020304.

### 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	Not bound by transport regulations.
UN No. SEA	Not bound by transport regulations.
UN No. AIR	Not bound by transport regulations.
<b>14.2 UN proper shipping name</b>	
Not bound by transport regulations.	
<b>14.3 Transport hazard class(es)</b>	
Not bound by transport regulations.	
<b>14.4 Packing group</b>	
Not bound by transport regulations.	
<b>14.5 Environmental hazards</b>	
No hazard label necessary – non hazardous product.	
<b>14.6 Special precautions for user</b>	
See sections 6 – 8.	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
Not defined.	

### 15. REGULATORY INFORMATION

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p><u>EU Legislation</u> Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p>
<b>15.2 Chemical safety assessment</b>
No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None - non hazardous product.
Other Information	None.
Revision Date	March 11, 2015
Reason for revision	New format SDS.
Rev No/Repl, SDS Generated	01

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