

CERTIFICATE OF ANALYSIS R.D SOYA OIL (GM)

Batch No:	4558702
Best Before Date	October 2026

Description: A clear transparent golden yellow liquid. **Odour/Taste:** Bland, free from foreign odours/flavours.

TEST	SPECIFICATION	ANALYSIS
Free Fatty Acid	0.1% maximum	0.03
Peroxide Value (meq/kg)	1.0 maximum	0.2
Colour (5.25" cell)	20.0 Yellow maximum	4.6
	2.0 Red maximum	0.9
Iodine Value	127 - 138	131.1
Refractive Index @ 20°C	1.473 – 1.479	1.474

^{*}Product may contain Genetically Modified Organisms

Storage: The shelf life of this product can be affected by storage conditions. Influencing factors such as Temperature, exposure to light and air will cause the product to deteriorate at a faster rate.

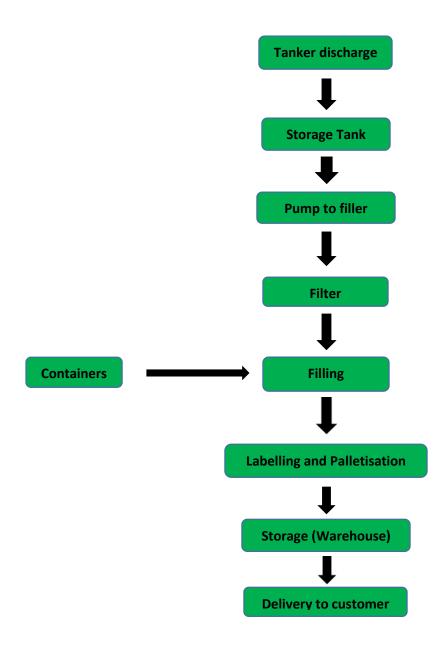
The product should remain in good condition if stored as recommended

This COA is produced electronically therefore no signature is required.



Manufacturing Flow Chart

Product Name	Soya Bean Oil
Date	27.06.2017



Issue date: 20/06/2024 1 (20/06/2024)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Soya Oil (GM) **Product:**

1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Soya Oil (GM); CAS: 8001-22-7

Other identifiers: Glycine Soja Oil

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

Cosmetics, Professional applications only. Product uses:

1.3 Details of the supplier of the safety data sheet

Madar Corporation Limited Company name:

19-20 Sandleheath Industrial Estate Company address:

Fordinggbridge

SP6 1PA

Contact:

technical@madarcorporation.co.uk E-Mail address:

01425 655 555

Company phone:

1.4 Emergency telephone number

Emergency phone: 01425 655 555

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of This material does not meet the criteria for classification under Regulation (EC) No 1272/2008. danger:

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

None Signal word:

Hazard statements: None

M factor: None

Supplemental Information:

None

Precautionary

None

statements:

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk

1 (20/06/2024)



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Soya Oil (GM)

1

Pictograms: None

2.3 Other hazards

Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Soya Oil (GM); CAS: 8001-22-7

Section 4. First-aid measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist. **Skin exposure:** Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if

irritation persists.

Ingestion: Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None expected, see Section 4.1 for further information.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: this product can generate oxides of carbon and other toxic gases.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Issue date: 20/06/2024 1 (20/06/2024)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Soya Oil (GM)

1

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Do not eat, drink or smoke whilst handling this product.

Do not breathe vapours, spray or mist.

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities:

Maintain limited contact with oxygen.

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Protect from freezing, heat and light including sunlight.

Protect from all potential sources of ignition.

7.3 Specific end use(s):

Cosmetics, Professional applications only.: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

1 (20/06/2024)



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Soya Oil (GM) **Product:**

1

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State/Colour: Liquid

Pale - Yellow

Odour: Characteristic **Odour threshold:** Not determined **Melting Point/Freezing Point:** Not determined Boiling point or initial boiling point and boiling Not determined

range:

Not determined

Flammability: Lower and upper explosion limit: Not determined Flash point: Not determined Not determined **Auto-ignition temperature:** Not relevant **Decomposition temperature:** :Ha Not determined **Kinematic viscosity:** Not determined Solubility: Insoluble in water.

Partition coefficient: n-octanol/water (log

value):

Not determined

Vapour pressure: Not determined 0.910 - 0.930Density and/or relative density: Relative vapour density: Not determined Particle characteristics: Not determined

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Expected to remain stable under recommended storage conditions.

10.2 Chemical stability:

Expected to remain stable under recommended storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Extremes of temperature.

Freezing

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

1 (20/06/2024)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Soya Oil (GM)

1

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This material does not meet the criteria for classification for health hazards under Regulation (EC) No 1272/2008.

Acute Toxicity:Based on available data the classification criteria are not met.

Acute Toxicity Oral Not Applicable
Acute Toxicity Dermal Not Applicable
Acute Toxicity Inhalation Not Available

Skin corrosion/irritation: Based on available data the classification criteria are not met. Serious eye damage/irritation: Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Respiratory or skin sensitisation: Germ cell mutagenicity: Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Carcinogenicity: Based on available data the classification criteria are not met. Reproductive toxicity: STOT-single exposure: Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. STOT-repeated exposure: Based on available data the classification criteria are not met. **Aspiration hazard:**

Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

11.2 Information on other hazards

Not Applicable

Section 12. Ecological information

12.1 Toxicity:Not available12.2 Persistence and degradability:Not available12.3 Bioaccumulative potential:Not available12.4 Mobility in soil:Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Endocrine disrupting properties: Not Applicable **12.7 Other adverse effects:** Not available

Issue date: 20/06/2024

1 (20/06/2024)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Soya Oil (GM) **Product:**

1

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	Not classified	-	-	-	-
IMDG	Not classified	-	-	-	-
ADR,RID,ADN	Not classified	-	-	-	-
ICAO TI	Not classified	-	-	-	-

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

Section 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Key to revisions:

Not applicable

Key to abbreviations:

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.



Product Specification

PRODUCT	Soya Oil (GM)				
		DATE	20/11/2024	REVISION	1

DESCRIPTION	Glycine Soja Oil is the oil obtained from the soybean, Glycine soja, Leguminosae, by extraction or expression. It consists essentially of triglycerides of oleic, linoleic, and saturated acid. contains DMPS (E900) as an anti-foaming agent.		
INCI NAME	Glycine Soja Oil		
CAS NUMBER	8001-22-7	EC NUMBER	232-274-4

<u>CHARACTERISTICS</u>			
APPEARANCE AT ROOM TEMPERATURE		Liquid	
COLOUR (Lovibond, 5¼")	RED	≤1.50	
	YELLOW	≤15.0	
ODOUR		Characteristic	

<u>ANALYSIS</u>		
SPECIFIC GRAVITY (g/cm³)	0.910 – 0.925	
FREE FATTY ACID (% AS OLEIC ACID)	≤0.15	
PEROXIDE VALUE (meq O ₂ /kg) (AT TIME OF PRODUCTION ANALYSIS)	≤2.00	
MOISTURE (%)	≤0.10	
SMOKE POINT (°C)	>200.0	



Document Date: 21/10/24

STATEMENT

We hereby confirm that Soya Oil is suitable for vegans.

Soya Oil will normally be from a genetically modified source and will be sourced and labelled in accordance with EC legislation