Certificate of Analysis

Product Name	Soyabean GMO RD Oil Kosher
Inci Name	Glycine Soja Oil
EINECS Number	232-274-4
Cas Number	8001-22-7

Best Before Date	February 2027
Batch Number	4570002

Country of Manufacture	Great Britain
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Parameter	Result
Appearance	A clear transparent golden yellow viscous liquid
Odour	Bland, free from rancid and foreign odours
Taste	Bland, free from rancid and foreign
Peroxide Value (meq O2/ kg)	flavours 0.14
Free Fatty Acid (% as oleic)	0.06
Refractive Index @ 40°C	1.473
Relative Density @ 20°C	0.92
Palmitic Acid : C16:0	10
Stearic Acid : C18:0	4.2
Oleic Acid : C18:1	22.5
Linoleic Acid : C18:2	54.3
Alpha Linolenic Acid : C18:3	6.9
Arachidic Acid : C20:0	0.3
Behenic Acid : C22:0	0.3
Erucic Acid : C22:1	0
lodine Value	133
Colour (Lovibond)	0.4r, 8.8y

Comments

The Certificates of Analysis are electronically produced therefore a signature is not required

MATERIAL SAFETY DATA SHEET According to EU Regulation 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER	
Product Name	Soyabean GMO RD Oil Kosher
Biological Definition	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 acids.
INCI Name	Glycine Soja Oil
Synonyms & Trade Names	-
CAS Number	8001-22-7
EC Number	232-274-4
EINECS Number	232-274-4
REACH Status	Exempt – Annex IV & V
1.2 DETAILS OF THE SUPPLIER OF TH	E MATERIAL SAFETY DATA SHEET
Company	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA 01425 655 555 technical@madarcorporation.co.uk
Emergency Telephone Number	01425 655 555

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE	
	assification as hazardous in accordance with Titles I and II of Regulation (EC) No 1272/2008 and further
amendments, nor to those having recognised exposition limits.	
Classification (EU 1272/2008)	Not classed as a hazardous substance.
2.2 LABEL ELEMENTS	
Label in accordance with Regulation (EC) No	o 1272/2008
GHS Label:	None
Signal word:	None
Contains	Contains no hazardous substances
Hazard Statements:	None
Precautionary Statements:	None
Supplementary Precautionary Statements:	None
2.3 OTHER HAZARDS	
PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data avai 8001-22-7

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

100% Soybean Oil

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Remove to fresh air
Ingestion	No special measures required. Health injuries are not known or expected under normal use. (Crude soy bean oils may produce an allergic reaction.).
Skin Contact	Wash with soap and water
Eye Contact	Immediately flush with plenty of water and seek medical advice when necessary.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

No additional data available.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No additional data available.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISING MEDIA

Suitable: Carbon dioxide (CO2), Dry powder, Sand. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Not suitable: Do not use a solid water stream as it may scatter and spread fire.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

None known.

5.3 ADVICE FOR FIRE FIGHTERS

In the event of fire, wear self contained breathing apparatus in accordance with EN 137:2006.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Material can create slippery conditions.

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent further leakage or spillage if safe to do so. Avoid discharge into sewage systems, water courses or onto ground.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Dam up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Collect all soaked materials in suitable, closed metal containers as they may heat and spontaneously ignite, if exposed to air and sun. Replace affected insulating material accordingly.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Use oil-resistant equipment, e.g. gaskets and hoses. See also section 8.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Prevent accidental release into sewage systems, water courses or onto ground. In case of heating, apply FOSFA heating instructions to protect the product from thermal deterioration.

7.3 SPECIFIC END USE(S)

No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PERAMETERS

No national occupational exposure limit values. No national biological limit values. No recommended monitoring procedures.

8.2 EXPOSURE CONTROLS	
Protective equipment	
Process Conditions	No additional data available
Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Respiratory Equipment	If sprayed or finely dispersed in air, respiratory protection is recommended, eg. dust masks.
Hand Protection	Wear protective gloves.
Eye Protection	Wear protective face protection
Other Protection	No additional data available
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No additional data available
Skin Protection	No additional data available
Environmental Exposure Controls	Prevent accidental release into sewage systems, water courses or onto ground.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear transparent viscous liquid
Colour	Golden yellow
Odour	Bland, free from rancid and foreign odours
Relative Density @ 20°C	0.919 – 0.925
Refractive Index @ 40°C	1.466 – 1.470
Flash Point (°C)	>200 °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 (<10mg/L)
Auto-ignition temperature (°C)	340 – 360 °C
9.2 OTHER INFORMATION	
No additional data available	

No additional data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY
Stable under normal conditions.
10.2 CHEMICAL STABILITY
Stable under normal conditions.
10.3 POSSIBLE HAZARD REACTIONS
None under normal processing. (If used at temperatures below 150°C).
10.4 CONDITIONS TO AVOID
Temperature above 270°C to prevent acrolein formation.
10.5 INCOMPATIBLE MATERIALS
Strong oxidizing agents.
10.6 HAZARDOUS DECOMPOSITION PRODUCTS
The more independent of the second seco

Thermal decomposition leads to formation of Acrolein, Carbon monoxide (CO), Carbon dioxide (CO2).

SECTION 11: TOXOLIGICAL INFORMATION

11.1 INFORMATION ON TOXILOGICAL EFFECTS	
Acute toxicity	Based on available data, no evidence of acute toxicity
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
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	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	Based on available data, the classification criteria are not met
Photo-toxicity	No additional data available.
Other information:	No additional data available.

SECTION 12: ECOLGICAL INFORMATION

12.1 TOXICITY

Contains no substances known to be hazardous to the environment. Contains no substances known to be not degradable in waste water treatment plants. 12.2 PERSISTENCE AND DEGRADABILITY

Readily biodegradable. Degradable by a range of bacteria, fungi, yeasts and algae.

12.3 BIOACCUMULATION POTENTIAL

No additional data available.

12.4 MOBILITY IN SOIL

Not expected to persist and distribute in aquatic or terrestrial environments, nor to be volatilized.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 OTHER ADVERSE EFFECTS

Possibility of floating on the surface of standing water bodies.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Can be incinerated, when in compliance with local regulations. Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER		
UN No. Road	Not Regulated	
UN No. Sea	Not Regulated	
UN No. Air	Not Regulated	
14.2 UN PROPER SHIPPING NAME		
Not Regulated		
14.3 TRANSPORT HAZARD CLASS(ES)		
Not Regulated		
14.4 PACKAGING GROUP		
Not Regulated		
14.5 ENVIRONMENTAL HAZARDS		
Not Regulated		
14.6 SPECIAL PRECAUTIONS FOR USER		
Not Regulated		
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE		
No additional data available		

SECTION 15: REGULARTORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

EU Regulations: Regulation [EC] 1272/2008 including amendments Regulation [EC] 1907/2006 including amendments (EC 2015/830, EC 2020/878)

15.2 CHEMICAL SAFETY ASSESSMENT

The supplier has not performed a chemical safety assessment of this substance.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.
Version	1
Revision Date	2 nd January 2024
Reason for Revision	New MSDS

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.

SPECIFICATION

Product Name	Soyabean GMO RD Oil Kosher		
Product 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 acids		
INCI Name	Glycine Soja Oil		
CAS Number	8001-22-7		
EINECS Number	232-274-4		

PHYSICAL & CHEMICAL PROPERTIES					
Parameters			Range		
Appearance (Organoleptic)		eptic)	A clear transparent golden yellow viscous liquid		
Taste (Organ	noleptic)		Bland, free from rancid and foreign flavours		
Odour (Organoleptic)			Bland, free from rancid and foreign odours		
Colour Lovibond (5¼ Cell)		ell)	≤12y, ≤2.5r		
Relative Density @ 20°C		°C	0.919 – 0.925		
Refractive Index @ 40°C		°C	1.466 - 1.470		
Free Fatty Acids			≤1.0		
Peroxide Value			≤10.0		
Iodine Value			124 - 139		
	C16:0	Palmitic	8 - 13.5		
	C18:0	Stearic	2 – 5.4		
F. M.	C18:1	Oleic	17 – 30		
Fatty Acid	C18:2	Linoleic	48 – 59		
Profile	C18:3	Alpha Linolenic	4.5 – 11		
	C20:0	Arachidic	0.1 - 0.6		
	C22:0	Behenic	ND – 0.7		
	C22:1	Erucic	ND – 0.3		
Shelf Life			12 months		

REVISION HISTORY			
Version	Date	Change	
1	01/01/2024	New format specification	

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Date: 08/07/2024

Technical Data Dossier

Product Name: Soyabean GMO RD Oil Kosher

INCI Name: Glycine Soja Oil

CAS NO: 8001-22-7

EINECS NO: 232-274-4

Botanical Origin	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 acids.
Country Of Origin	Belgium, Brazil, Canada, Egypt, Italy, Paraguay, Russia, Spain, The Netherlands, Ukraine, Uruguay, United Kingdom and/or USA.
Country of Manufacture	The UK and/or The Netherlands.
Tariff Code	1507909000
INCI Breakdown	100% Glycine Soja Oil,
Preservatives	No
REACH	Reach Exempt Annex IV & V
SVHC	Νο
Origin of Product – Animal, Vegetable/Plant, Mineral, Synthetic	Vegetable / Plant
Cosmetic Grade	Yes
Pharmaceutical Grade	No
Food Grade	Yes

	Nutritional Information	<u>Unit</u>	<u>Range</u>	Analytical or Calculated?
	_	КЈ	3700	
	Energy:	kcal	900	
	Protein:	g/100g	Trace	
	Carbohydrates:	g/100g	Trace	
	Total Fat:	g/100g	100	
Nutritional Information	Saturated Fat:	g/100g	10-21	
	Monounsaturated Fat:	g/100g	17 – 31	
	Polyunsaturated Fat:	g/100g	52 – 70	
	Trans Fat:	g/100g	0-1.5	
	Cholesterol:	g/100g	Trace	
	Fibre:	g/100g	Trace	
	Sodium:	g/100g	Trace	
	Vitamins:	mg/kg	0 - 1000	
BSE / TSE	No - Not derived from animal origin.			
Animal Testing	No			
Suitable for Vegetarians	Yes			
Suitable for Vegans	Yes			
Is the product certified Organic	Νο			
Is the product certified Kosher	Yes			
Is the product certified Halal	No			
Fragrance Allergens – EU Regulation 2023/1545	Νο			

		Present in	Present in	Possibility of Cross
	Allergen	Product?	Factory?	Contamination?
	Cereals & Gluten	No	Yes	No
	Crustaceans	No	No	No
	Eggs	No	No	No
	Fish	No	No	No
	Peanut	No	Yes	No
	Soya	Yes	Yes	No
Food Allergens Present	Milk	No	Yes	No
	Nuts	No	Yes	No
	Celery & Celeriac	No	No	No
	Mustard	No	Yes	No
	Sesame	No	Yes	No
	Sulphur Dioxide & Sulphite	No	No	No
	Lupin	No	No	No
	Mollusc	No	No	No
CMR	No			
GMO	Produced from Genetically Modified Seeds.			
Pesticides	Complies			
Heavy Metals	Complies			
Dioxins & Dioxin like	Complies Complies Complies No			
Compounds				
PAH's (Poly Aromatic Hydrocarbons)				
PCB's (Polychlorinated Biphenyls)				
Nanomaterials				
VOC (Volatile Organic Compounds)	No			
Phthalates	No			
Proposition 65	No			
Irradiated	No			
Contains palm	No			
CITES Regulated	No			
Natural origin index according to ISO 16128	Natural Index N	umber is 1 & N	Natural Origin I	ndex Number is 1.

Is the product restricted in any countries	No
IFRA 51	Not Restricted
Method of Manufacture	Mechanical Crushing & Hexane Extracted & Refined
Additional Information	None
Document Version	2 - Cosmetic EU Regulation 2023/1545

Soyabean GMO RD Oil Kosher -

Manufacturing Flow Chart



