

Section 1: Product and Company Identification

Product Name	Broccoli Seed Oil
Synonym (INCI)	Brassica Oleracea Italica (Broccoli) Seed Oil
CAS Number	223749-36-8
Product Use	Cosmetic products
Supplier	Simply Ingredients
Address	20942 Osborne Street, Unit C, Canoga Park, CA 91304
Telephone Number	747-274-8225
Emergency Telephone Number	CHEMTREC 1-800-424-9300

Section 2: Hazards Identification

Classification according to Regulation (EC) No 1272/2008 (CLP)	Not Classified
Hazard Statements	Not Dangerous

Section 3: Composition

<u>Substance</u>	<u>Identification</u>	<u>Classification</u>	<u>Contents</u>
Brassica Oleracea Italica (Broccoli) Seed Oil	CAS 223749-36-8	None	100%

Section 4: First Aid Measures

Inhalation	Inhalation is not a pertinent exposure route for the product due to this physical aspect and/or its composition. Supply fresh air, consult doctor in case of complaints.
Skin Contact	Not dangerous under normal conditions.
Eye Contact	Rinse out carefully with plenty of water. Consult a doctor.
Ingestion	Not a direct hazard. Drink plenty of water, avoid vomiting. Consult a doctor. Do not attempt to neutralize.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Dry fire extinguisher, carbon dioxide.
Improper Extinguishing Media	Water. But use water to cool fire exposed containers.
Fire and Explosion Hazards	Keep away from open flames and sparks.
Hazardous Combustion Products	Formation of CO, CO ₂ , irritation gases.

Section 6: Accidental Release Measures

Personal Protection Measures	Goggles, gloves.
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Personal Precautions

No special precautions required.

Environmental Precautionary Measures

Avoid discharge into drinking water supplies, waste water or soil.

Cleaning Method

Small spills & residues may be absorbed with material such as cloth or sawdust, and disposed of into waste containers. Remove sources of ignition.

Section 7: Handling & Storage

Handling

Keep away from sources of ignition. No smoking. Danger of slipping possible. Do not heat in microwave oven. Avoid contact with eyes.

Safe Storage Conditions

Keep in a cool place. Store in the original full closed container to prevent over oxidation. Keep away from flames or strong oxidizers. Keep out of reach of children.

Storage Temperature

< 10°C

Section 8: Exposure Controls & Personal Protection

Respiratory Protection

No specific recommendations.

Eye Protection

Wear goggles.

Section 9: Physical & Chemical Properties

Appearance

Oily Liquid

Color

Amber Yellow

Odor

Broccoli

pH

N/A

Flash Point

> 200°C (closed cup)

Solubility

Insoluble in water.

Autoignition Temperature

Will not self-ignite.

Section 10: Stability & Reactivity

Reactivity

Stable under normal conditions.

Chemical Stability

The product is stable.

Possibility of Hazardous Reactions

No data / information available.

Conditions to Avoid

Open flames, sparks and strong oxidizers.

Materials to Avoid

Strong oxidizing agents, strong acids or bases.

Hazardous Decomposition Products

Irritating gases: carbon monoxide, carbon dioxide.

Section 11: Toxicological Information

Acute Toxicity

No known effect.

Chronic Toxicity	No potential chronic health effect needs to be considered.
Inhalation	No known effect.
Dermal Contact	No known effect.
Eye Contact	Irritation.
Ingestion	Nausea.
CMR Effects	Non-mutagenic.

Section 12: Ecological Information

Ecotoxicity	Product is not expected to be hazardous to environment.
Biodegradability	Readily biodegradable.
Bioaccumulative Potential	None.
Mobility	None.

Section 13: Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. Absorb the oil with material such as cloth, paper or sawdust and throw it in an appropriate waste bin. Disposal in nature is forbidden. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation.

Section 14: Transport Information

Not a dangerous product. Not classified in ADR (road), RID (rail), IMDG (sea), ICAO/IATA (air).

Section 15: Regulatory Information

Proposition 65: N/A – no ingredients regulated by Proposition 65 present.

Section 16: Other Information

Review Date: April 30, 2022

All information appearing herein is based on information supplied by the manufacturer of the ingredient. Simply Ingredients makes no representations to its accuracy or sufficiency. Please refer to all relevant technical information specific to the ingredient prior to use. The user of this ingredient is responsible for understanding the safety instructions for each ingredient, including how to store and handle the ingredient in use and in formulation. The user is also responsible for understanding any regulatory restrictions by governmental or third-party agencies, including proper usage, formulation, labeling, marketing and sale. Simply Ingredients is not liable for any issues that arise from improper handling and storage of any ingredients.