



## DATA SHEET

### IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

**Trade Name:** Broccoli [Organic] oil  
**Material Supplier:** Sheabutter Cottage  
**Address:** Unit 10, Albury close, Reading, RG30 1BD - UK  
**Tel:** +44 (0) 118 9576 118

### COMPOSITION / INFORMATION

**Trade Name:** Broccoli organic oil      **Inci Name:** Brassica oleracea  
**Status:** Cold-pressed      **Application:** Skincare/Cosmetics  
Not restricted in the Cosmetics Directive

### PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Liquid - viscous  
ODOUR: Characteristic  
ACID VALUE (MG KOH/G) 0.6  
PEROXIDE INDEX (MEQO<sub>2</sub>/KG) 8.74  
IODINE INDEX (GI<sub>2</sub>/100G) 99.7  
SAPONIFICATION VALUES .130 NaOH      .182 KOH  
REFRACTIVE INDEX 1.475

### PROFILE

C16:0	Palmitic Acid	2.83%
C18:0	Stearic Acid	1.31%
C18:1	Oleic Acid	17.03%
C18:2	Linoleic Acid	15.78%
C18:3	Alpha-Linolenic Acid	6.76%
C20:1	Eicosenoic Acid	9.97%
C22:1	Erucic Acid	43.08%



## **HAZARDS IDENTIFICATION**

Concentrated product. Observe good housekeeping procedures

## **FIRST AID MEASURES**

INHALATION:

No vapours present at normal temperatures. Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

EYE CONTACT:

SKIN CONTACT:

When assessing action take Risk & Safety Phrases into account (section 15).

OTHER:

## **FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:

Use CO<sub>2</sub> Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES:

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

EXTINGUISHING PROCEDURES:

## **ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS:

Avoid contact with skin, eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS:

Keep away from drains, soils, surface and groundwater.

Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water and detergents. Observe state, federal and local disposal regulations.

CLEANING UP METHODS FOR SPILLAGES:

## **HANDLING & STORAGE**

Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.

PRECAUTIONS IN HANDLING:

Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum

STORAGE CONDITIONS:

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

FIRE PROTECTION:

## **EXPOSURE CONTROLS/PERSONAL PROTECTION**

RESPIRATORY PROTECTION:

No special measures under normal conditions.

HAND PROTECTION:

No special measures under normal conditions.

EYE PROTECTION:

Use safety glasses if there is a risk of splashing.

WORK/HYGIENE PRACTICES:

Wash hands with soap & water after handling



UNIT 10, ALBURY CLOSE,  
READING, RG30 1BD, UK  
[www.sheabuttercottage.com](http://www.sheabuttercottage.com)

**TOXICOLOGICAL INFORMATION**

No known data.

**ECOLOGICAL INFORMATION**

BIODEGRADABILITY:  
PRECAUTIONS:

Readily biodegradable.  
Prevent surface contamination of soil, ground & surface water.

**DISPOSAL CONSIDERATIONS**

Avoid disposing to drainage systems and into the environment. Seek expert advice.

**REGULATORY INFORMATION**

HAZARDS:  
SYMBOLS:  
RISK PHRASES:  
SAFETY PHRASES:

According to Directive 88/379/EEC  
N/A  
N/A  
N/A  
N/A



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