

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: Safflower Oil

PRODUCT CODE: 30978

SUPPLIER: The Soap Kitchen, Unit 2e Hatchmoor Ind/Est, Torrington, EX38 7HP

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Definition/Botanical Origin: The oil obtained from the seeds of *Carthamus tinctorius* followed by refining. It consists principally of the triglycerides of linoleic acid.

CAS No: 8001-23-8

EINECS: 232-276-5

Status: natural

Additives: none

IFRA: Not restricted

INCI name: Carthamus tinctorius (Safflower) Seed Oil

## 3. HAZARDS IDENTIFICATION:

Concentrated product. Observe good housekeeping procedures.

## 4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Product is not considered hazardous. Seek medical advice in case of any adverse effects.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

## 5. 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.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

## 6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwaters.

CLEANING UP METHODS FOR SPILLAGES: 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. Observe state, federal & local disposal regulations.

## 7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

## 9. PHYSICAL & CHEMICAL PROPERTIES.

DESCRIPTION:	Pale yellow liquid
APPEARANCE:	Liquid at ambient temperatures
ODOUR:	Free from rancid and foreign odours
FLASH-POINT:	>300
SPECIFIC GRAVITY @ 20°C:	0.918 - 0.924
REFRACTIVE INDEX @ 20°C:	1.473 - 1.479
ACID VALUE	0.6 max
IODINE VALUE:	138-152

## 10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	None (thermal decomposition products are H <sub>2</sub> O and CO <sub>2</sub> )

## 11. TOXICOLOGICAL INFORMATION.

Data not available

## 12. ECOLOGICAL INFORMATION.

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

## 13. DISPOSAL CONSIDERATIONS.

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

## 14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
AIR (IATA):	n/a
SEA (IMDG):	n/a
CHIP:	See section 15

**15. REGULATORY INFORMATION.** According to Directive 88/379/EEC

HAZARDS: n/a  
SYMBOLS: n/a  
RISK PHRASES: n/a  
SAFETY PHRASES: n/a

**16. OTHER INFORMATION.**

Cosmetics Directive 7<sup>th</sup> Amendment: Not restricted

**PACKAGING:**

Type

Suitability

Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

**SHELF LIFE**

When stored within advised conditions, re-test after 12 months then every 6 months up to a maximum shelf life of 24 months.

**Q.C. REQUIREMENTS.**

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.