

# MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: Coriander Seed Oil

PRODUCT CODE: 30107

SUPPLIER: The Soap Kitchen, Unit 2E hatch moor Ind/Est, Torrington, EX38 7HP

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

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil obtained by steam distillation of the seeds of *Coriandrum sativum*.

H-No: 3301.29

CAS No: 8808-52-4

Status: natural

CoE No: 154

FEMA: 2334

Additives: none

FDA: 182.10 & 182.20

IFRA: not restricted

Application: Aromatherapy

RIFM: monograph

EINECS:

RTECS:

INCI name: Coriandrum sativum

FCCIV:

## 3. HAZARDS IDENTIFICATION:

R10 Flammable Liquid

## 4. FIRST-AID MEASURES:

INHALATION:

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

medical

EYE CONTACT:

Rinse immediately with plenty of water for at least 15 mins. symptoms persist.

Contact a doctor if

SKIN CONTACT:

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

water,

INGESTION:

Rinse mouth out with water. Seek medical advice immediately.

OTHER:

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

## 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA

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.

RECOMMENDED:

on

SPECIAL MEASURES:

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing protective clothing.

not

apparatus &

EXTINGUISHING PROCEDURES:

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

and

## 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. Do not approach
down	wind
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & groundwaters.
CLEANING UP METHODS	Remove all potential ignition sources. Contain spilled material.
Cover FOR SPILLAGES:	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.

COLOUR:	Colourless to pale yellow
APPEARANCE:	Mobile liquid
ODOUR:	Spicy, characteristic of coriander
FLASH POINT °C:	57
SPECIFIC GRAVITY @ 20°C:	0.863 - 0.875
REFRACTIVE INDEX @ 20°C:	1.462 - 1.472

## 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:	Liable to cause smoke & acrid fumes during combustion: carbon
compounds	monoxide, carbon dioxide & other non-identified organic may be formed.

### 11. TOXICOLOGICAL INFORMATION.

LD50 oral-rat: 4130mg/kg.  
LD50 skin-rbt: 500mg/24H  
Mutagenic data: Dnr-bcs 10mg/disc.  
See RIFM Monograph (1973): FCT,11,1077

### 12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available  
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.

UN 1993: applies  
Road (ADR/RID): Class 3 item 31/c RID No 301; ADR RN N/2301  
AIR (IATA): Class 3 packing group III  
SEA (IMDG): Class 3, page 3142  
CHIP: See section 15

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

HAZARDS: Flammable Liquid  
SYMBOLS:  
RISK PHRASES: R10 Flammable liquid  
SAFETY PHRASES: S16 Keep away from sources of ignition: No Smoking

### 16. OTHER INFORMATION.

Cosmetics Directive 7<sup>th</sup> Amendment: Restrictions may apply. A source of Geraniol, Limonene and Linalool, listed as sensitisers. Check maximum usage levels for skin care products.

### PACKAGING:

Type

Suitability

Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

### SHELF LIFE

When stored within advised conditions, re-test after 12 months and then at 3 monthly intervals up to a maximum life of 36 months.

### Q.C. REQUIREMENTS.

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

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