

MATERIAL SAFETY DATA SHEET.

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

Product name: **Coriander oil 0107**

SUPPLIER: Norfolk Trading, 1 Rigby's Court, Norwich, NR2 1NT, UK

Telephone +44 (0)1603 610883

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil obtained by steam distillation of the dried seeds of the ripe fruits of the small herbaceous annual, *Coriandrum sativum* L. (Fam. *Apiaceae*).

H-No: 3301.29

CAS No: 8008-52-4

Status: natural

CoE No: 154

FEMA: 2334

Additives: none

FDA: § 182.10 & 182.20

IFRA: not restricted

Application: N/A

RIFM: monograph

EINECS: N/A

RTECS: N/A

INCI name:

FCCIV: official

3. HAZARDS IDENTIFICATION:

Concentrated product. Do not ingest, use good housekeeping procedures when handling.

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: 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 RECOMMENDED: Use CO₂, Dry Powder or Foam type of 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, or 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 or pale yellow
APPEARANCE :	Mobile liquid
Odour:	Having the characteristic odour of coriander, and being reminiscent of linalol.
FLAVOUR:	N/A
FLASH-POINT °C :	57C/C
RELATIVE DENSITY AT 20°C :	0.8620 to 0.8780
OPTICAL ROTATION @ 20°C:	+5° to +13°
REFRACTIVE INDEX @ 20°C:	1.4620 to 1.4720
SOLUBILITY IN 65% ETHANOL @ 20°C:	soluble 1+ 8
SOLUBILITY IN VEGETABLE OILS:	Soluble
SOLUBILITY IN WATER:	Insoluble
ADDITIONAL DATA:	N/A
TYPICAL GC/MS ANALYSIS:	N/A

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 monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Mutagenic data. dnr-bcs 10mg/disc.

LD₅₀ skn-rbt 500mg/24H. LD₅₀ oral-rat: 4130mg/Kg.

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.

Road (ADR/RID) :

AIR (IATA) : Class 3, Packing Group III

SEA (IMDG) :

UN 1169

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.

UN1169: APPLIES

Conc. % Limits:

PACKAGING:

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

SHELF-LIFE

Min 12 months when stored within advised conditions.

Q.C. REQUIREMENTS.

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

Retest after 6 months.

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