

# MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: Neroli Oil, Light

PRODUCT CODE: 30566

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA

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

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: Obtained from the steam distillation of the flowers of the bitter orange tree, *Citrus aurantium* and then by formulated blending of the oil with other citrus oils, citrus oil derivatives and fractions and other aromatic ingredients such that the final profile replicates in a general way the profile and odour characteristics of true Neroli Oil (Natural)

H-No: 3301.29.61

CAS No: 8016-38-4

Status: Nature Identical

CoE No: 136

FEMA: 2771

Additives: none

FDA: 182.20

IFRA: not restricted

Application: Aromatherapy, skin care etc

RIFM: monograph

EINECS:

RTECS:

INCI name: Citrus aurantium and Parfum

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.

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 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.

COLOUR:	Pale yellow to amber
APPEARANCE:	Mobile liquid
ODOUR:	Typical Neroli flower
FLASH POINT °C:	42
OPTICAL ROTATION @ 20°C:	+6° to +11°
SPECIFIC GRAVITY @ 20°C:	0.910 - 0.935
REFRACTIVE INDEX @ 20°C:	1.465 - 1.480

## 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.

For Neroli oil: LD<sub>50</sub>Oral >2000mg/Kg. Not irritating to human skin (Kligman A (1966): *J. Invest Derm* 47, 395)

## 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):	Class 3 item 31/c RID No 301; ADR RN N/2301
Air (IATA/ICAO):	Class 3 Packaging group III
SEA (IMDG):	page 3036-1, Class 3
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.

UN 1169: applies

Cosmetics Directive 7<sup>th</sup> Amendment: Restrictions apply. A source of Citral, Geraniol, Farnasol, 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 then at 3 monthly intervals up to a maximum shelf life of 36 months.

### O.C. REQUIREMENTS.

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

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