

## The Soap Kitchen

# MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: **Tangerine Oil**

PRODUCT CODE: **CU0013536**

SUPPLIER The Soap Kitchen

Unit 2 D&E Hatchmoor Industrial Estate

Torrington, Devon. EX38 7HP

Tel: 01805 622944 email info@thesoapkitchen.co.uk

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: The volatile oil produced by cold expression from the peel of the ripe fruit *Citrus reticulata*.

H-No: 3301.19.5000 CAS No: 84929-38-4 Status: natural

FEMA: Additives: none FDA: 182.20 EC No: 284-521-0

IFRA: Restricted Application: Aromatherapy, skin care etc EINECS-CAS No:

INCI name: Citrus reticulata Peel Oil

### 3. HAZARDS IDENTIFICATION:

Xn Harmful; N Dangerous for the environment

### 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 minutes. 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 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 & ground waters.
CLEANING UP METHODS FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, and 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. Avoid static discharges.
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:	Orange to orange red
APPEARANCE:	Mobile liquid
ODOUR:	Reminiscent of tangerine peel
FLASH POINT (°C):	46
SPECIFIC GRAVITY AT 20°C:	0.844 – 0.854
REFRACTIVE INDEX @ 20°C:	1.471 – 1.476

## **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.**

Literature Value:  
LD50 Rat > 5000 mg/kg  
Dermal rabbit > 5000 mg/kg

## **12. ECOLOGICAL INFORMATION.**

Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.  
BIODEGRADABILITY: Data not available  
PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

Tangerine Oil

Revised 05/10. This document replaces any previously issued document.

### **13. DISPOSAL CONSIDERATIONS.**

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

### **14. TRANSPORT REGULATIONS.**

UN 1169: applies  
Road (ADR/RID): Class 3 Packing Group III  
AIR (IATA/ICAO): Class 3 Packing Group III  
SEA (IMDG): Class 3 Packing Group III  
CHIP: See section 15

### **15. REGULATORY INFORMATION.**

HAZARDS: Harmful; N Dangerous for the environment  
SYMBOLS: Xn; N  
RISK PHRASES: R10 Flammable  
R38 Irritating to skin  
R43 May cause sensitisation by skin contact  
R50/53 Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed  
SAFETY PHRASES: S24 Avoid contact with skin  
S37 Wear suitable gloves  
S61 Avoid release to the environment. Refer to special instructions / safety data sheets  
S62 If swallowed, do not induce vomiting: seek medical advice immediately

### **16. OTHER INFORMATION.**

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

IFRA recommend that for applications on areas of skin exposed to sunshine, excluding bath preparations, soaps and other products which are washed off the skin, the total level of bergapten (5-methoxypsoralen) in the consumer products should not exceed 0.0015% (15 ppm). This is equivalent to 0.0075% (75 ppm) in a fragrance compound used at 20% in the consumer product. The typical level of bergapten in Tangerine Oil, Cold Pressed is 50 ppm.

### **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 every 3 months up to a maximum shelf life of 36 months.

### **Q.C. REQUIREMENTS.**

In-line with general product specification. Always **For Evaluation Only.**

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.