

# MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: **Orange Oil sweet**

PRODUCT CODE: **30164**

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: The volatile oil obtained by expression from the ripe peel of the fruit *Citrus sinensis* (L.) Osbeck (Fam. *Rutaceae*) / *citrus dulcis*.

H-No: 3301.12 CAS No: 8008-57-9 Status: Natural

CoE No: 143 FEMA: 2824 Additives: None

FDA: 182.20 IFRA: see section 16 Application: Aromatherapy, skincare, flavourings etc

RIFM: EINECS: 232-433-8 Country of origin: Brazil

INCI name: Citrus dulcis (also known as Citrus aurantium dulcis)

## 3. HAZARDS IDENTIFICATION:

Xn Harmful; 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: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep

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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, 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.

SKIN 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: Yellow-red through to orange-brown liquid.

APPEARANCE: Mobile liquid

ODOUR: Citrus, reminding of orange peel

FLASH POINT °C: 46-50

SPECIFIC GRAVITY AT 20°C: 0.835 - 0.855

REFRACTIVE INDEX @ 20°C: 1.460 - 1.485

ALDEHYDES AS CITRAL: 0.7% to 1.7% Typical

## **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.**

LD<sub>50</sub> Orl-rat: >5g / Kg *Food and Cosmetic Toxicol* (1974) **I2** (3), 733.

LD<sub>50</sub> Orl-rabbit >5g/Kg *Food and Cosmetic Toxicol* (1974) **I2**(3), 733.

## **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 31c

Air (IATA): Class 3 packing Gp III

SEA (IMDG): Class 3

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CHIP: See section 15

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

HAZARDS: Harmful  
SYMBOLS: Xn  
RISK PHRASES: R10 Flammable liquid  
R65 Harmful: may cause lung damage if swallowed  
SAFETY PHRASES: 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 Citral, 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 life of 36 months.

**Q.C. REQUIREMENTS.**

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

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