



## NHR ORGANIC OILS

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# MATERIAL SAFETY DATA SHEET

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

PRODUCT NAME: Tangerine Oil, Organic

SUPPLIER: NHR Organic Oils, 24 CHATHAM PLACE, BRIGHTON BN1 3TN (UK)

Emergency Tel No: 0845 310 8066 Emergency Contact: Laura Hoy.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Definition/Botanical Origin: Citrus Tangerina Peel Oil is the volatile oil expressed from the peel of the ripe fruit the Tangerina, Citrus Tangerina, Rutaceae

CAS No: 8008-57-9 EC No: 232-433-8 EINECS-CAS No: 8028-48-6

Status: Natural Additives: None Application: Aromatherapy, skincare, flavourings etc

IFRA: See Section 16

INCI name: Citrus Tangerina Peel Oil

### 3. HAZARDS IDENTIFICATION:

Xn Harmful; N Dangerous for the environment

### 4. FIRST-AID MEASURES:

INHALATION: medical	Remove from exposure site to fresh air. Keep at rest. Obtain attention.
EYE CONTACT: a doctor if	Rinse immediately with plenty of water for at least 15 minutes. Contact symptoms persist.
SKIN CONTACT: water, advice.	Remove contaminated clothes. Wash thoroughly with soap & flush with plenty of water. If irritation persists, seek medical
INGESTION: <b>immediately.</b>	Rinse mouth out with water. Seek medical advice
OTHER: account	When assessing action take Risk & Safety Phrases into (Section 15)

### 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: jet on	Use CO <sub>2</sub> , Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water burning material.
SPECIAL MEASURES: Do not apparatus &	Avoid vapour inhalation. Keep away from sources of ignition. smoke. Wear positive pressure self-contained breathing protective clothing.
EXTINGUISHING PROCEDURES: heat and	Closed containers may build up pressure when exposed to should be cooled with water spray.

## **6. ACCIDENTAL RELEASE MEASURES.**

PERSONAL PRECAUTIONS: individual suitable	Avoid inhalation & direct contact with skin & eyes. Use protective equipment (safety glasses, waterproof-boots, protective clothing) in case of major spillages.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & ground waters.
CLEANING UP METHODS Cover sweep state,	Remove all potential ignition sources. Contain spilled material with an inert or non-combustible inorganic absorbent material, up and remove to an approved disposal container. Observe federal & local disposal regulations.

## **7. HANDLING & STORAGE.**

PRECAUTIONS IN HANDLING: practices, do not	Apply good manufacturing practice & industrial hygiene ensuring proper ventilation. Observe good personal hygiene, eat, drink or smoke whilst handling. Avoid static discharges.
STORAGE CONDITIONS: ventilated area contact to a	Store in tightly closed original container, in a cool, dry & away from heat sources & protected from light. Keep air minimum.
FIRE PROTECTION: precautions to	Keep away from ignition sources & naked flames. Take 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:	Orange/red
APPEARANCE:	Mobile liquid
ODOUR:	Characteristic, citrus
FLASH POINT °C:	49
SPECIFIC GRAVITY AT 20°C:	0.844 – 0.856
REFRACTIVE INDEX @ 20°C:	1.470 – 1.480

## **10. STABILITY & REACTIVITY.**

REACTIVITY: contact with agents.	It presents no significant reactivity hazards, by itself or in water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION: carbon compounds	Liable to cause smoke & acrid fumes during combustion: monoxide, carbon dioxide & other non-identified organic may be formed.

## **11. TOXICOLOGICAL INFORMATION.**

Data Not Available

## **12. ECOLOGICAL INFORMATION.**

Very toxic to aquatic organisms; may cause long-term adverse effects in the aquatic environment.

BIODEGRADABILITY: Biodegradable

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 1169: applies

Road (ADR/RID): Class 3 Packing Group III

Air (IATA): 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 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.

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.