



## MATERIAL SAFETY DATA SHEET

According to EU Regulation 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)

#### 1.1 PRODUCT IDENTIFIER

<b>Product Name</b>	Orange Sweet Essential Oil
<b>Biological Definition</b>	Citrus Aurantium Dulcis Peel Oil Expressed is an essential oil expressed from the fresh epicarps of the Sweet Orange, Citrus Aurantium L. var. Dulcis L. (syn: Citrus Sinensis)
<b>INCI Name</b>	Citrus Aurantium Dulcis Peel Oil Expressed
<b>Synonyms &amp; Trade Names</b>	-
<b>Internal Product Code</b>	TCDL-CESS-BOWL-NOSW
<b>CAS Number</b>	8028-48-6
<b>EC Number</b>	232-433-8
<b>EINECS Number</b>	232-433-8
<b>REACH Status</b>	Registration number 01-2119493353-35-XXXX

#### 1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

<b>Company</b>	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom, CM7 3JQ
<b>Emergency Telephone Number</b>	01376 560 348



## SECTION 2: HAZARD IDENTIFICATION





### 2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The Full Text for all Hazard Statements are Displayed in Section 16.

<b>Classification (EU 1272/2008)</b>	H411 Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2 H410 Very toxic to aquatic life with long lasting effects, Aquatic Chronic 1 H304 Asp. Tox. 1: Aspiration hazard, Category 1 H226 Flam. Liq. 3: Flammable liquids, Category 3 H315 Skin Irrit. 2: Skin irritation, Category 2 H317 Skin Sens. 1: Sensitisation, skin, Category 1
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### 2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

<b>GHS Label:</b>	   
<b>Signal word:</b>	Danger.
<b>Contains</b>	No additional data available.
<b>Hazard Statements:</b>	H226 Flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H304 May be fatal if swallowed and enters airways. H410 Very toxic to aquatic life with long lasting effects.
<b>Precautionary Statements:</b>	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P321 Specific treatment (see on this label). P331 Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P362+P364 Take off contaminated clothing and wash it before reuse. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Supplementary Precautionary Statements:</b>	No additional data available.

### 2.3 OTHER HAZARDS

<b>PBT or vPvB according to Annex XIII</b>	No additional data available.
<b>Adverse physio-chemical properties</b>	No additional data available.
<b>Adverse effects on human health</b>	No additional data available.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURE

>50 – 100% CAS: 138-86-3 EINECS: 205-341-0 **DIPENTENE** Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317

1 – 2.5% CAS: 123-35-3 EINECS: 204-622-5 **Myrcene** Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Eye Irrit. 2A, H319

≥0.1 - <1% CAS: 78-70-6 EINECS: 201-134-4 **3,7-Dimethyl-1,6-octadien-3-ol** Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317

≥0.25 - <1% CAS: 7785-26-4 EINECS: 232-077-3 **l.alpha.-Pinene** Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit.2, H315; Skin Sens. 1B, H317

≥0.1 - <1% CAS: 5392-40-5 EINECS: 226-394-6 **3,7-Dimethyl-2,6-octadien-1-al (cis und trans)** Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317

≥0.1 - <1% CAS: 106-22-9 EINECS: 203-375-0 **dl-Citronellol** Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317



≥0.1 - <1% CAS: 470-82-6 EINECS: 207-431-5 **Eucalyptol** Flam. Liq. 3, H226; Skin Sens. 1B, H317

≥0.1 - <1% CAS: 3387-41-5 **4-Methyliden-1-propan-2-ylbicyclo[3.1.0]hexan** Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317

≥0.1 - <1% CAS: 106-24-1 EINECS: 203-377-1 **3,7-Dimethylocta-2,6-dien-1-ole** Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317

≥0.1 - <1% CAS: 13466-78-9 EINECS: 236-719-3 **3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene** Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317

## SECTION 4: FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

<b>Inhalation</b>	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
<b>Ingestion</b>	Drink plenty of water and provide fresh air. Call for a doctor immediately.
<b>Skin Contact</b>	Immediately wash with water and soap and rinse thoroughly.
<b>Eye Contact</b>	Rinse opened eye for several minutes under running water. Then consult a doctor.

### 4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

No additional data available.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No additional data available.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

Suitable extinguishing agents: CO<sub>2</sub>, sand, extinguishing powder. Do not use water.  
Unsuitable extinguishing agents: Water with full jet

### 5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

No further relevant information available.

### 5.3 ADVICE FOR FIRE FIGHTERS

No special measures required.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective equipment. Keep unprotected persons away.

### 6.2 ENVIRONMENTAL PRECAUTIONS

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.



### 6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

### 6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Ensure good ventilation/exhaustion at the workplace. Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly sealed.

### 7.3 SPECIFIC END USE(S)


No additional data available.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 CONTROL PERAMETERS

No additional data available.

### 8.2 EXPOSURE CONTROLS

Protective equipment	
Process Conditions	No additional data available.
Engineering Measures	No additional data available.
Respiratory Equipment	No additional data available.
Hand Protection	Wear protective gloves
Eye Protection	Avoid contact with the eyes, wear tightly sealed goggles.
Other Protection	Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	No additional data available.



<b>Skin Protection</b>	Avoid contact with the skin.
<b>Environmental Exposure Controls</b>	No additional data available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Mobile liquid
<b>Colour</b>	Yellow to orange-red
<b>Odour</b>	Characteristic
<b>Specific Gravity @ 20°C</b>	0.830 – 0.855
<b>Refractive Index @ 20°C</b>	1.464 – 1.490
<b>Flash Point (°C)</b>	46°C
<b>Melting Point (°C)</b>	No additional data available.
<b>Boiling Point (°C)</b>	176°C
<b>Vapour Pressure</b>	150 pa
<b>Solubility in Water @20°C</b>	No additional data available.
<b>Auto-ignition temperature (°C)</b>	No additional data available.

### 9.2 OTHER INFORMATION

No additional data available.



## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

No additional data available.

### 10.2 CHEMICAL STABILITY

Chemically stable under the conditions of storage, handling and use.

### 10.3 POSSIBLE HAZARD REACTIONS

No dangerous reactions known.

### 10.4 CONDITIONS TO AVOID

No additional data available.

### 10.5 INCOMPATIBLE MATERIALS

Avoid contact with strong acids, alkalis and strong bases.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

No additional data available.

## SECTION 11: TOXOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXOLOGICAL EFFECTS

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion / irritation</b>	Causes skin irritation.
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	The consumption of a considerable dose can cause pulmonary damage.
<b>Photo-toxicity</b>	No additional data available.
<b>Other information:</b>	No additional data available.



## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 TOXICITY

EC50/48 h 0.4 mg/l (daphnia)  
 LC50/96 h 0.7 mg/l (fish)  
 NOEC/96 h 4 mg/l (alga)

### 12.2 PERSISTENCE AND DEGRADABILITY

No additional data available.

### 12.3 BIOACCUMULATION POTENTIAL

No additional data available.

### 12.4 MOBILITY IN SOIL

Very toxic for fish  
 Toxic for fish  
 Very toxic for water fleas.  
 Toxic for water fleas  
 Very toxic for algae  
 Toxic for algae

### 12.5 RESULTS OF PBT AND VPVB ASSESSMENT

No additional data available.

### 12.6 OTHER ADVERSE EFFECTS

No additional data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN NUMBER

UN No. Road	UN1169
UN No. Sea	UN1169
UN No. Air	UN1169

### 14.2 UN PROPER SHIPPING NAME

EXTRACTS, AROMATIC, LIQUID

### 14.3 TRANSPORT HAZARD CLASS(ES)



Flammable Liquid

### 14.4 PACKAGING GROUP

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

### 14.5 ENVIRONMENTAL HAZARDS



Environmentally Hazardous Substance/Marine Pollutant



#### 14.6 SPECIAL PRECAUTIONS FOR USER

Special regulations: 223, 955  
 EmS Codes: F-E, S-D  
 Physico-Chemical Properties: See Section 9  
 Limited Quantities: 5 L

#### 14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available.

### SECTION 15: REGULATORY INFORMATION

#### 15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

##### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

##### Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

##### EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### 15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

### SECTION 16: OTHER INFORMATION

<b>Hazard and/or Precautionary Statements in Full</b>	<p>H226 Flammable liquid and vapour.          H315 Causes skin irritation.          H317 May cause an allergic skin reaction.          H304 May be fatal if swallowed and enters airways.          H410 Very toxic to aquatic life with long lasting effects.          P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.          P321 Specific treatment (see on this label).          P331 Do NOT induce vomiting.          P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.          P362+P364 Take off contaminated clothing and wash it before reuse.          P405 Store locked up.          P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</p>
<b>Other Information</b>	Complies with REACH guidance for SDS as circulated by ECHA 2011.
<b>Version</b>	4
<b>Revision Date</b>	12 <sup>th</sup> December 2019
<b>Reason for Revision</b>	Full Updated MSDS





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