



MATERIAL SAFETY DATA SHEET

According to EU Regulation 1907/2006

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

1.1 PRODUCT IDENTIFIER

Product Name	Grapefruit Essential Oil
Biological Definition	Citrus Paradisi Peel Oil is the volatile oil expressed from the peel of the Grapefruit, Citrus paradisi, Rutaceae
INCI Name	Citrus Paradisi Peel Oil
Synonyms & Trade Names	-
Internal Product Code	TCDL-CESS-BOWL-NGPE
CAS Number	8016-20-4
EC Number	Not Listed
EINECS Number	Not Listed
REACH Status	Registration Number 01-2120119763-56-XXXX.

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom, CM7 3JQ
Emergency Telephone Number	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.

Classification (EU 1272/2008)	<p>Aquatic Acute 1: Hazardous to the aquatic environment, acute hazard, Category 1, H400 Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard, Category 1, H410 Asp. Tox. 1: Aspiration hazard, Category 1, H304 Flam. Liq. 3: Flammable liquids, Category 3, H226 Skin Irrit. 2: Skin irritation, Category 2, H315 Skin Sens. 1: Sensitisation, skin, Category 1, H317</p>
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2.2 LABEL ELEMENTS

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

GHS Label:	<p>GHS08 GHS09 GHS07 GHS02</p>
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Signal word:	Danger
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Contains	No additional data available.
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Hazard Statements:	<p>H410 - Very toxic to aquatic life with long lasting effects H304 - May be fatal if swallowed and enters airways H226 - Flammable liquid and vapour H315 - Causes skin irritation H317 - May cause an allergic skin reaction</p>
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Precautionary Statements:	<p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P264: Wash thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor P302+P352: IF ON SKIN: Wash with plenty of water P370+P378: In case of fire: Use ABC powder extinguisher to extinguish P403+P235: Store in a well-ventilated place. Keep cool P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively</p>
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Supplementary Precautionary Statements:	None
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2.3 OTHER HAZARDS

PBT or vPvB according to Annex XIII	Product fails to meet PBT/vPvB criteria
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Adverse physio-chemical properties	No additional data available.
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Adverse effects on human health	No additional data available.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

No additional data available.

SECTION 4: FIRST AID MEASURES



4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.
Ingestion	Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.
Skin Contact	Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.
Eye Contact	Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

No information 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

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂). IT IS RECOMMENDED NOT to use tap water as an extinguishing agent.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 ADVICE FOR FIRE FIGHTERS

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.



6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 94/9/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

Maximum time: 6 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 SPECIFIC END USE(S)

No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

No additional data available.

8.2 EXPOSURE CONTROLS

Protective equipment	  
Process Conditions	Emergency shower to hand
Engineering Measures	No additional data available.
Respiratory Equipment	Filter mask for gases and vapours
Hand Protection	Protective gloves against minor risks
Eye Protection	Panoramic glasses against splash/projections.
Other Protection	Antistatic and fireproof protective clothing. Safety footwear with antistatic and heat resistant properties
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No additional data available.
Skin Protection	Antistatic and fireproof protective clothing
Environmental Exposure Controls	No additional data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, mobile liquid.
Colour	Colourless to orange, almost red.
Odour	Characteristic
Specific Gravity @ 20°C	0.840 – 0.865
Refractive Index @ 20°C	1.465 – 1.485
Flash Point (°C)	45°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	Vapour pressure at 50 °C: <300000 Pa (300 kPa)
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.

9.2 OTHER INFORMATION

No additional data available.



SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No hazardous reactions are expected because the product is stable under recommended storage conditions.

10.2 CHEMICAL STABILITY

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

10.3 POSSIBLE HAZARD REACTIONS

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 CONDITIONS TO AVOID

No additional data available.

10.5 INCOMPATIBLE MATERIALS

Avoid strong acids, alkalis or strong bases

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXIOLOGICAL EFFECTS

Acute toxicity	No additional data available.
Skin corrosion / irritation	Contact with the skin: Produces skin inflammation.
Serious eye damage/irritation	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect.
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other information:	No additional data available.



SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

FISH LC50 0.1 – 1 mg/L (96 h)
Crustacean EC50 0.1 – 1 mg/L
Algae RC50 0.1 – 1 mg/L

12.2 PERSISTENCE AND DEGRADABILITY

No additional data available.

12.3 BIOACCUMULATION POTENTIAL

No additional data available.

12.4 MOBILITY IN SOIL

No additional data available.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

Product fails to meet PBT/vPvB criteria

12.6 OTHER ADVERSE EFFECTS

No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Dispose in accordance with local regulations. We do not recommend disposal down the drain.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

UN No. Road	UN 1169
UN No. Sea	UN 1169
UN No. Air	UN 1169

14.2 UN PROPER SHIPPING NAME

EXTRACTS, AROMATIC, LIQUID

14.3 TRANSPORT HAZARD CLASS(ES)



ADR/RID/ADN Class: 3 Flammable Liquid.
IMDG Class: 3 Flammable Liquid.
ICAO Class/Division: 3 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

Tunnel restriction code D/E

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

Hazard and/or Precautionary Statements in Full	<p>H410 - Very toxic to aquatic life with long lasting effects H304 - May be fatal if swallowed and enters airways H226 - Flammable liquid and vapour H315 - Causes skin irritation H317 - May cause an allergic skin reaction P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P264: Wash thoroughly after handling P280: Wear protective gloves/protective clothing/eye protection/face protection P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor P302+P352: IF ON SKIN: Wash with plenty of water P370+P378: In case of fire: Use ABC powder extinguisher to extinguish P403+P235: Store in a well-ventilated place. Keep cool P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively</p>
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.
Version	5
Revision Date	4 th May 2020
Reason for Revision	Specific Gravity & Refractive Index

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