

Material Safety Data Sheet

According to EU Regulation 1907/2006

Citrus Blend Essential Oil

Date Created:
25.11.2017
Date Revised:
N/A

SECTION 1: Identification of the substance/mixture and of the company/undertaking





1.1 Product Identifier					
Product Name	Citrus Blend Essential Oil				
Biological Definition	The volatile oil obtained by cold pressing the peels of the fruits Citrus aurantium dulcis and citrus limonum.				
INCI Name	Citrus Aurantium Dulcis Peel Oil, Citrus Limonum Peel Oil				
Synonyms & Trade Names	- - -				
Internal Product Code	R00230301				
REACH Status	Fully Registered				
CAS-No	8008-56-8 / 8008-57-9	EC No.	284-515-8	EINECS No.	284-525-8

1.2 Details of the supplier of the safety data sheet

Company Identification	Cerberus Chemicals Ltd Vicarage Barn, Southport Road Scarisbrick, Lancashire L40 8HQ - UK Email: info@cerberuschemicals.com
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1.3 Details of the supplier of the safety data sheet

Emergency Contact	Mr Jordan Boynton - Tel: 01704 840 202
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SECTION 2: Hazards identification	
2.1 Classification of the substance or mixture	
Classification (67/548/EEC)	Xn+N; R10-38-43-51/53-65, S24-37-61-62
Classification (EU 1272/2008)	UN-GHS: FL 3, AH 1, SCI 2, SS 1, EH A2,C2 EU-CLP: FL 3, AH 1, SCI 2, SS 1, EH A2,C2
2.2 Label elements	
GHS Label:	    GHS07 GHS08 GHS02 GHS09
Signal Word:	Danger
Contains	Limonene, pinenes, gamma-terpinene, citral, myrcene
Hazard Statements	H226 Flammable liquid and vapour H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction H411 Toxic to aquatic life with long lasting effects
Precautionary Statements	P262 Do not get in eyes, on skin, or on clothing. P273 Avoid release to the environment P280 Wear protective gloves/protective clothing/eye protection/face protection P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor P331 Do NOT induce vomiting.
Supplementary Precautionary Statements	P391 Collect spillage
<i>Risk phrases and Safety phrases in full refer to Section 16 - Other information</i>	
2.3 Other hazards	
Adverse physio-chemical properties	Combustible but will ordinarily not self-ignite.
Adverse effects on human health	Skin condition can cause sensitisation.

SECTION 3: Composition/information on ingredients

68.5% Limonene UN-GHS: SCI 2; SS 1; EH A1,C1
12% Pinenes UN-GHS: ATO 5(3700), SCI 2, SS 1
8% gamma-Terpinene UN-GHS: ATO 5(3850); SCI 3
3% Citral UN-GHS: ATO 5(4950); ATD 5(2250); SCI 2; SS 1; EH A2
1.6% Myrcene UN-GHS: EDI 2A, SCI 2
0.2% beta-Caryophyllene UN-GHS: SCI 3

SECTION 4: First aid measures**4.1 Description of first aid measures**

General Information	See categories below.
Inhalation	Remove from exposure area to fresh air. Contact Inhalation a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

4.2 Most important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

N/A

SECTION 5: Fire Fighting Measures**5.1 Extinguishing Media**

Suitable Extinguishing Media: Carbon Dioxide (CO₂), dry chemical, Foam, spraying to base of flames.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for fire-fighters

Wear protective clothing. Avoid inhalation of vapours. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

SECTION 6: Accidental Release Measures

6.1 Personal precautions

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8)

6.2 Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3 Methods and material for containment and cleaning up

Absorb with liquid binding material (e.g. sand, diatomaceous earth, acid or universal binding agents).

6.4 References to other sections.

Please refer to *Section 8 - Exposure Controls/Personal Protection* for further information on personal precautions.

Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

SECTION 7: Handling and Storage

7.1: Precautions for safe handling

Usage precautions:

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.



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

Eye protection 	<p>Avoid contact with eyes.</p> <p>Use eye protectors designed to protect against liquid splashes</p> <p>Before handling, wear safety goggles with protective sides accordance with standard EN166.</p> <p>In the event of high danger, protect the face with a face shield.</p> <p>Prescription glasses are not considered as protection.</p> <p>Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.</p> <p>Provide eyewash stations in facilities where the produce is handled constantly.</p>
Hand protection 	<p>Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.</p> <p>Gloves must be selected according to the application and duration of use at the workstation.</p> <p>Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.</p> <p>Recommended properties:</p> <ul style="list-style-type: none"> - Impervious gloves in accordance with standard EN374
Respiratory equipment	As required. Avoid breathing product vapour.
Other protection	<p>Avoid skin contact.</p> <p>Use personal protection according to Directive 89/686/EEC.</p> <p>Suitable type of protective clothing:</p> <p>In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.</p> <p>In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.</p> <p>Work clothing worn by personnel shall be laundered regularly.</p> <p>After contact with the product, all parts of the body that have been soiled must be washed.</p>
Hygiene measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.
Engineering measures	Provide adequate ventilation.

SECTION 9: Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Colourless to pale orange
Odour	Characteristic, citrus aroma
Specific Gravity @ 20°C	0.838 to 0.850 @ 20°C
Flash Point (°C)	48°C
Refractive Index @ 20°C	1.468 to 1.480 @ 20°C
Melting Point (°C)	No data
Boiling Point (°C)	No data
Vapour Pressure	No data
Solubility in Water @20°C	Not miscible in water
Auto-Ignition Temp. (°C)	No data

9.2 Other information

N/A

SECTION 10: Stability and Reactivity**10.1 Reactivity**

NO HAZARDOUS REACTIONS IF STORED AND HANDLED AS PRESCRIBED / INDICATED

10.2 Chemical stability

STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).

10.3 Possibility of hazardous reactions

NO.

10.4 Conditions to avoid

STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C

10.5 Incompatible materials

STRONG OXIDISING SUBSTANCES.

10.6 Hazardous decomposition products

THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE & CARBON MONOXIDE.

SECTION 11: Toxicological Information**11.1 Information on toxicological effects.**

Acute toxicity: May cause long term adverse effects in the aquatic environment.

Skin corrosion / irritation: Causes skin irritation.

Serious eye damage / irritation: Causes serious eye irritation.

Respiratory / skin sensitisation: May cause an allergic reaction by skin contact.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: No additional data is available

Other information: No additional data is available

SECTION 12: Ecological Information**12.1 Toxicity**

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

No additional data available.

12.3 Bio-accumulative potential

No additional data available.

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and VPVB assessment

No additional data available.

12.6 Other adverse effects

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal Considerations**13.1 Waste Treatment Methods**

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.


Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14. Transport Information	
Warning Icon	
Proper Shipping Name	EXTRACTS, AROMATIC, LIQUID
UN No. Road	UN 1169
ADR Class	Class 3
Hazard No. (ADR)	30
Hazchem Code	3YE
UN No. Sea	UN 1169
IMDG Class	Class 3
IMDG Pack Gr.	Pk Gp III
EMS	F-E, S-D
UN No. Air	Class 3
Air Pack Gr.	Pk Gp III

SECTION 15: Regulatory Information	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769 /EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716)
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

15.2 Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

SECTION 16: Other Information	
Other Information:	Complies with REACH guidelines for SDS as circulated by ECHA 2011.
Training Instructions:	Refer to possible hazard before use of this product.

Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
AND	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available
Hazard Statements in Full:	H226 Flammable liquid and vapour H304: May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects

Complies with REACH guidance for SDS as circulated by ECHA 2011.

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Revisions in this document

Date (DD-MM-YYYY)	Change	Revision Number
25/11/2017	New Issue	0
03/05/2018	New SDS	1