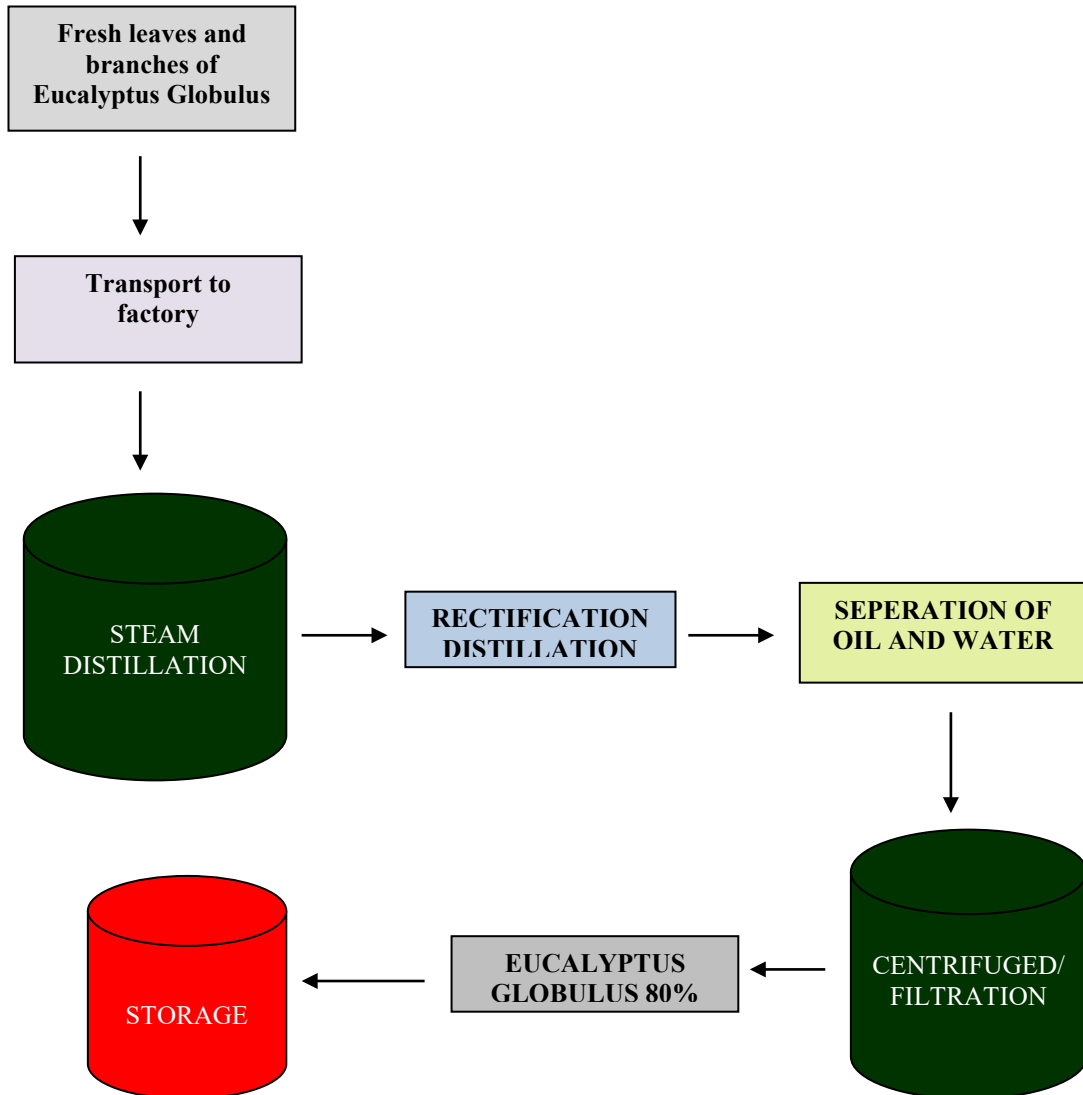




## EUCALYPTUS BLUE GUM FLOW CHART





## CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

### SCOPE OF THE CERTIFICATE:

Eucalyptus Blue Gum

### COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 49th Amendment to the IFRA Code of Practice (published January 2020), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	Not limited
IFRA Category 2	Not limited
IFRA Category 3	Not limited
IFRA Category 4	Not limited
IFRA Category 5A	Not limited
IFRA Category 5B	Not limited
IFRA Category 5C	Not limited
IFRA Category 5D	Not limited
IFRA Category 6	Not limited
IFRA Category 7A	Not limited
IFRA Category 7B	Not limited
IFRA Category 8	Not limited
IFRA Category 9	Not limited
IFRA Category 10A	Not limited
IFRA Category 10B	Not limited
IFRA Category 11A	Not limited
IFRA Category 11B	Not limited
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

## ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave-on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets
IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)
IFRA Category 12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug-ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders; Fuels; Insecticides e.g. mosquito coil, paper, electrical, for clothing, excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers - for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)



**SAFETY DATA SHEET  
EUCALYPTUS GLOBULUS, EXT**

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

**1.1. Product identifier**

Product name	EUCALYPTUS GLOBULUS (BLUE GUM),
Product number	EXT
Synonyms; trade names	Eucalyptus Oil Globulus
REACH registration number	01-2119978250-37-XXXX
CAS number	84625-32-1
EC number	283-406-2

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**1.3. Details of the supplier of the safety data sheet**

Supplier	Naturally Balmy Limited 8 Benson Road Nuffield Industrial Estate Poole BH17 0GB  Email: sales@naturallybalmy.co.uk Telephone: 01202 567046
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**1.4. Emergency telephone number**

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

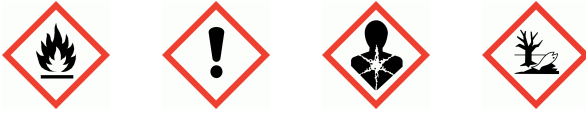
Physical hazards	Flam. Liq. 3 - H226
Health hazards	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411
Human health	The liquid may be irritating to skin. Fatal if swallowed May cause skin sensitisation or allergic reactions in sensitive individuals.
Environmental	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
Physicochemical	Flammable liquid and vapour

**2.2. Label elements**

EC number	283-406-2
-----------	-----------

## EUCALYPTUS GLOBULUS, EXT

### Hazard pictograms



### Signal word

Danger

### 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

P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P331 Do NOT induce vomiting.  
 P391 Collect spillage.  
 P262 Do not get in eyes, on skin, or on clothing.

### Contains

1, 8 cineole, dipentene, Alpha Pinene, Beta Pinene

### Supplementary precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233 Keep container tightly closed.  
 P240 Ground and bond container and receiving equipment.  
 P241 Use explosion-proof electrical equipment.  
 P242 Use non-sparking tools.  
 P243 Take action to prevent static discharges.  
 P261 Avoid breathing vapour/ spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P321 Specific treatment (see medical advice on this label).  
 P332+P313 If skin irritation occurs: Get medical advice/ attention.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

1, 8 cineole

>=70 <=95

CAS number: 470-82-6

EC number: 207-431-5

#### Classification

Flam. Liq. 3 - H226

Skin Sens. 1B - H317

**EUCALYPTUS GLOBULUS, EXT**

<b>dipentene</b>	<b>&gt;=4 &lt;=12</b>
CAS number: 138-86-3	EC number: 205-341-0
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>p-Cymene</b>	<b>&gt;=0.01 &lt;=6</b>
CAS number: 99-87-6	EC number: 202-796-7
<b>Classification</b>	
Flam. Liq. 3 - H226	
Repr. 2 - H361	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
<b>Alpha Pinene</b>	<b>&gt;=0.01 &lt;=9</b>
CAS number: 80-56-8	EC number: 201-291-9
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>Alpha Phellandrene</b>	<b>&gt;=0.3 &lt;=3</b>
CAS number: 99-83-2	EC number: 202-792-5
<b>Classification</b>	
Flam. Liq. 3 - H226	
Asp. Tox. 1 - H304	
<b>p-mentha-1,4-diene</b>	<b>&gt;=0.01 &lt;=6</b>
CAS number: 99-85-4	EC number: 202-794-6
<b>Classification</b>	
Flam. Liq. 3 - H226	
Repr. 2 - H361	
Aquatic Chronic 2 - H411	

## EUCALYPTUS GLOBULUS, EXT

<b>7-methyl-3-methylenoocta-1,6-diene</b>	<b>&gt;=0.5 &lt;=2</b>
CAS number: 123-35-3	EC number: 204-622-5
M factor (Acute) = 1	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 2 - H411	
<b>Beta Pinene</b>	<b>&gt;=0.01 &lt;=1.5</b>
CAS number: 127-91-3	EC number: 242-060-2
M factor (Acute) = 1	M factor (Chronic) = 1
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>p-menth-1-en-8-ol</b>	<b>&gt;=0.01 &lt;=2</b>
CAS number: 98-55-5	EC number: 202-680-6
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	May be fatal if swallowed and enters airways.
<b>Skin contact</b>	May cause an allergic skin reaction.

#### 4.3. Indication of any immediate medical attention and special treatment needed

# EUCALYPTUS GLOBULUS, EXT

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemicals. Foam.

**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

**Specific hazards** Burning produces irritating, toxic and obnoxious fumes.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Provide adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapours. Wear protective clothing and gloves.

**For emergency responders** Wear an appropriate NIOSH / MSHA approved respirator if mist or vapour is generated.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Provide adequate ventilation. Keep away from heat, sparks and open flame.

**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

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

### 7.3. Specific end use(s)



## EUCALYPTUS GLOBULUS, EXT

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### 1, 8 cineole (CAS: 470-82-6)

**DNEL**                      Workers - Inhalation; Long term systemic effects: 7.05 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2 bw/day, mg/kg  
 General population - Inhalation; Long term systemic effects: 1.74 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg  
 General population - Oral; Long term systemic effects: 600 mg/kg, bw/day

**PNEC**                      - Fresh water; Short term 5.7 mg/l  
 - Intermittent release, Fresh water; 0.57 mg/l  
 - marine water; Short term 5.7 mg/l  
 - STP; Short term 10 mg/l  
 - Sediment (Freshwater); Short term 1.425 mg/kg  
 - Sediment (Marinewater); Short term 0.142 mg/kg  
 - Soil; Short term 0.25 mg/kg

##### Alpha Pinene (CAS: 80-56-8)

**DNEL**                      Workers - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 0.54 bw/day, mg/kg  
 General population - Inhalation; Long term systemic effects: 0.67 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day  
 General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

**PNEC**                      - Fresh water; Short term 0.606 mg/l  
 - Fresh water, Intermittent release; 3.03 mg/l  
 - marine water; Short term 0.061 mg/l  
 - Intermittent release, marine water; 0.303 mg/l  
 - STP; Short term 0.2 mg/l  
 - Sediment (Freshwater); Short term 157 mg/kg  
 - Sediment (Marinewater); Short term 15.7 mg/kg  
 - Soil; Short term 31.7 mg/kg

##### 7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

**DNEL**                      Workers - Dermal; Long term systemic effects: 0.83 mg/kg  
 Workers - Inhalation; Long term systemic effects: 5.83 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 0.42 mg/kg  
 General population - Inhalation; Long term systemic effects: 1.25 mg/m<sup>3</sup>

**PNEC**                      - STP; 0.2 mg/l  
 - Soil; 1.015 mg/kg  
 - Fresh water; 0.00028 mg/l  
 - marine water; 0.0008 mg/l  
 - Sediment (Freshwater); 5.022 mg/kg  
 - Sediment (Marinewater); 0.502 mg/kg

##### Beta Pinene (CAS: 127-91-3)

## EUCALYPTUS GLOBULUS, EXT

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 5.69 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 0.8 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 1 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 0.3 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.3 bw/day, mg/kg
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<b>PNEC</b>	- Fresh water; Short term 1.004 mg/l - Intermittent release, Fresh water; 5.02 mg/l - marine water; Short term 0.1 mg/l - STP; Short term 3.26 mg/l - Sediment (Freshwater); Short term 0.337 mg/kg - Sediment (Marinewater); Short term 0.034 mg/kg - Soil; Short term 0.067 mg/kg
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### p-menth-1-en-8-ol (CAS: 98-55-5)

<b>PNEC</b>	- Fresh water; Short term 68 mg/l - marine water; Short term 6.8 mg/l - STP; Short term 2.6 mg/l - Sediment (Freshwater); Short term 1.85 mg/kg - Sediment (Marinewater); Short term 0.185 mg/kg - Soil; Short term 0.329 mg/kg
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## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### Eye/face protection

Wear face protection.

### Hand protection

Chemical resistant gloves (PVC)

### Other skin and body protection

Wear apron or protective clothing in case of contact.

### Hygiene measures

Good personal hygiene procedures should be implemented.

### Respiratory protection

Generally unnecessary in a well ventilated area.  
If ventilation is insufficient, respiratory protection must be worn.

### Thermal hazards

Wear suitable protective clothing to prevent heat.

### Environmental exposure controls

Avoid discharging into drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless to pale yellow.
<b>Melting point</b>	+5 to -20°C
<b>Initial boiling point and range</b>	153 - 184°C

## EUCALYPTUS GLOBULUS, EXT

<b>Flash point</b>	45.5 - 46.5°C Pensky-Martens closed cup.
<b>Upper/lower flammability or explosive limits</b>	Technically not feasible.
<b>Vapour pressure</b>	ca 262 Pa @ 25°C
<b>Relative density</b>	0.905 - 0.925 @ 20°C
<b>Partition coefficient</b>	Eucalyptus is a natural complex substance. It is a mixture of several components, but three of them represent 90% of that mixture. LogP of each of these three components were calculated with the In Silico Algorithm For Environmental Risk Assessment toolbox, multilinear V.1.1. The range of the LogP varies as below. log Pow: 2.84 to 4.42
<b>Auto-ignition temperature</b>	270°C
<b>Viscosity</b>	2.456 mPa s @ 20°C 1.627 mPa s @ 40°C
<b>Explosive properties</b>	Scientifically unjustified.
<b>9.2. Other information</b>	
<b>Refractive index</b>	1.457 - 1.467
<b>Hydrocarbon Content</b>	

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** The substance is stable under normal storage and handling conditions.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong reducing agents.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** REACH dossier information. The oral LD<sub>50</sub> for Eucalyptus oil is higher than 2000 mg/kg bw in mice therefore it is not classified according to the Annex VI to the Directive 67/548/EEC and the CLP Regulation (EC) No (1272-2008).

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. The dermal LD<sub>50</sub> for Eucalyptus oil is higher than 5000 mg/kg bw in rabbits therefore it is not classified according to the Annex VI to the Directive 67/548/EEC and the CLP Regulation (EC) No (1272-2008).

## EUCALYPTUS GLOBULUS, EXT

### Skin corrosion/irritation

**Skin corrosion/irritation** REACH dossier information. Irritating to skin.

## SECTION 12: Ecological information

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Biodegradation** The substance is readily biodegradable.

### 12.3. Bioaccumulative potential

**Partition coefficient** Eucalyptus is a natural complex substance. It is a mixture of several components, but three of them represent 90% of that mixture. LogP of each of these three components were calculated with the In Silico Algorithm For Environmental Risk Assessment toolbox, multilinear V.1.1. The range of the LogP varies as below. log Pow: 2.84 to 4.42

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Recycling is preferred to disposal or burning. Disposal must be made according to official regulations. Must not be disposed together with household waste.

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1169

**UN No. (IMDG)** 1169

**UN No. (ICAO)** 1169

**UN No. (ADN)** 1169

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** EXTRACTS, AROMATIC, LIQUID

**Proper shipping name (IMDG)** EXTRACTS, AROMATIC, LIQUID

**Proper shipping name (ICAO)** EXTRACTS, AROMATIC, LIQUID

**Proper shipping name (ADN)** EXTRACTS, AROMATIC, LIQUID

### 14.3. Transport hazard class(es)

**ADR/RID class** 3

**ADR/RID classification code** F1

**ADR/RID label** 3

**IMDG class** 3

**ICAO class/division** 3

**ADN class** 3

## EUCALYPTUS GLOBULUS, EXT

### Transport labels



#### 14.4. Packing group

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

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



#### 14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** CHIP for everyone HSG228.

#### 15.2. Chemical safety assessment

##### Inventories

##### EU - EINECS/ELINCS

Complies

##### Canada - DSL/NDSL

Complies

##### US - TSCA

Complies

##### US - TSCA 12(b) Export Notification

Not listed.

## EUCALYPTUS GLOBULUS, EXT

**Australia - AICS**

Complies

**Japan - ENCS**

Complies

**Korea - KECI**

Complies

**China - IECSC**

Complies

**Philippines – PICCS**

Complies

**New Zealand - NZIOC**

Complies

**Taiwan - TCSI**

Complies

**SECTION 16: Other information**

<b>Revision date</b>	18/08/2021
<b>Revision</b>	7
<b>Supersedes date</b>	26/09/2019
<b>SDS number</b>	4666
<b>Hazard statements in full</b>	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. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's Responsibility to satisfy himself as to the suitability of such information for his own particular use.

# Product Specification

PRODUCT DETAILS	
Product Name	EUCALYPTUS BLUE GUM OIL, EXT.
Product Code	
Chemical Name:	Eucalyptus Globulus ext
Country of Origin	China
Tariff Number	33012941
REACH Registration	01-2119978250-37-XXXX
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.
Kosher Certified	Yes
Halal Certified	We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.
Manufacturing Process	Steam distillation of leaves and branches of Myrtaceae.
Identification	CAS No: 84625-32-1   EINECS No: 283-406-2
PHYSICAL AND CHEMICAL CHARACTERISTIC	
Appearance	Liquid
Colour	Colourless to pale yellow
Odour	Characteristic
Relative Density @ 20°C	0.905 - 0.925
Refractive Index @ 20°C	1.457 - 1.467
Melting Point	+5 to -20c
Boiling Range	153 - 184°C
Flash Point	45.5 to 46.5°C PMCC (Pensky-Martens closed cup)
Vapour Pressure	ca 262 Pa @ 25°C
Viscosity	2.456 mPas @ 20°C / 1.627 mPas @ 40°C
Hydrocarbon content	18%
FRAGRANCE ALLERGENS	
Limonene/Dipentene (5989-27-5) <b>&gt;=4 to &lt;=12%</b>	Linalool (78-70-6) <b>&lt;0.5%</b>
FOOD ALLERGENS	
NONE PRESENT	
IFRA RESTRICTED SUBSTANCES	
NONE PRESENT	
STORAGE AND SHELF LIFE	
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.
Shelf Life	24 months unopened and stored as above.



## Vegan Statement

IDENTIFICATION	
Product:	Eucalyptus Blue Gum
Cas No:	84625-32-1
EINECS No:	283-406-2
STATEMENT	
<p>We, Naturally Balmy Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	





## CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

*We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.*

*However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.*

*Product: Eucalyptus Blue Gum Globulus*

18 August 2021