

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification

1.1. Identification

Product form : Substance
Substance name : Eucalyptus Globulus 80/85 Oil
CAS No : 8000-48-4

1.2. Recommended use and restrictions on use

Recommended use : Ingredients used in Flavors and Fragrances.

1.3. Supplier

Camden-Grey Essential Oils, Inc.
5751 Halifax Ave., Unit 2
Fort Myers, FL 33912
www.camdengrey.com

1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids, Category 3	Flammable liquid and vapour
Sensitisation — Skin, category 1	May cause an allergic skin reaction
Aspiration hazard, Category 1	May be fatal if swallowed and enters airways
Hazardous to the aquatic environment — Chronic Hazard, Category 2	Toxic to aquatic life with long lasting effects

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Flammable liquid and vapour
May be fatal if swallowed and enters airways
May cause an allergic skin reaction
Toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/Bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/... equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Avoid breathing dust/fume/gas/mist/vapours/spray
Contaminated work clothing must not be allowed out of the workplace
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection
If swallowed: Immediately call a poison center/doctor/...
If on skin: Wash with plenty of water/...
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
Specific treatment (see ... on this label)

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Do NOT induce vomiting
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
In case of fire: Use ... to extinguish Collect spillage
Store in a well-ventilated place. Keep cool Store locked up
Dispose of contents/container to ...

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Name : Eucalyptus Globulus 80/85 Oil
CAS No : 8000-48-4

Name	Product identifier	%	GHS-US classification
PINENES (ALPHA OR BETA)		2.5 - 10	Flam. Liq. 3, H226 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
(R)-P-MENTHA-1,8-DIENE	(CAS No) 5989-27-5	2.5 - 10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of classification categories and H statements : see section 16

3.2. Mixture

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : As a general rule, in case of doubt or if symptoms persist, always call a doctor.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Watch out for any remaining product between skin and clothing, watches, shoes, etc. If skin irritation occurs: Get medical advice/attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.
First-aid measures after eye contact : Wash thoroughly with soft, clean water for 15 minutes holding eye lids open.
First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with lukewarm water and consult a doctor. Keep the person exposed at rest. Do not force vomiting.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/injuries after inhalation : Exposure to vapours from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.
Symptoms/injuries after skin contact : Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. May cause an allergic skin reaction.
Symptoms/injuries after eye contact : Splashes in the eyes may cause irritation and reversible local damage.
Symptoms/injuries after ingestion : Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Foam. Halons. ABC-powder. BC-powder. Carbon dioxide. Water with AFFF (Aqueous Film Forming Foam) additive.
Unsuitable extinguishing media : in the event of fire: do not use water jet. No water.

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5.2. Specific hazards arising from the chemical

Fire hazard : A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe smoke.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Put on breathing apparatus.
Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not breathe smoke.

6.1.1. For non-emergency personnel

Emergency procedures : Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

For containment : Prevent further leakage or spillage if safe to do so. Collect spillage.
Methods for cleaning up : Clean up with detergents. Do not use solvents or thinners.

6.4. Reference to other sections

See Heading 8. SECTION 7.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Never open the packages under pressure. Prevent access by unauthorized personnel. Remove contaminated clothing. Wash hands immediately after handling the product. Do not inhale vapour.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Keep container tightly closed. Store in a well-ventilated place. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from food and drink, including for animals. Always keep in packaging made of an identical material to the original.
Storage area : The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.
Packaging materials : Always keep in packaging made of an identical material to the original.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PINENES (ALPHA OR BETA)

Not applicable

(R)-P-MENTHA-1,8-DIENE (5989-27-5)

Not applicable

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

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Personal protective equipment:

Gloves. Protective clothing.

Skin and body protection:

Avoid contact with skin and eyes



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless
Odour	: Fresh, Characteristic of Eucalyptol
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 49 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.906 - 0.925
Solubility	: Insoluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NO_x).

10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Heat. Water, humidity. Sparks. Open flame. Avoid accumulation of electrostatic charges.

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10.5. Incompatible materials

Water.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation	: Exposure to vapours from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.
Symptoms/injuries after skin contact	: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Splashes in the eyes may cause irritation and reversible local damage.
Symptoms/injuries after ingestion	: Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects. Do not allow into drains or water courses.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.
GWPmix comment : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Do not contaminate ground and surface water. 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.

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Product/Packaging disposal recommendations : Empty container completely. Keep label on container. Give to a certified disposal contractor.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Proper Shipping Name (DOT) : UN1169=EXTRACTS, AROMATIC, LIQUID
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT) : III - Minor Danger
Dangerous for the environment : Yes
Marine pollutant : Yes



Other information : No supplementary information available.

TDG

Not applicable

Transport by sea

Transport document description (IMDG) : UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III, MARINE POLLUTANT
UN-No. (IMDG) : 1169
Proper Shipping Name (IMDG) : EXTRACTS, AROMATIC, LIQUID
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : III - substances presenting low danger
Marine pollutant : Yes



Air transport

Transport document description (IATA) : UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III
UN-No. (IATA) : 1169
Proper Shipping Name (IATA) : EXTRACTS, AROMATIC, LIQUID
Class (IATA) : 3 - Flammable Liquids
Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

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15.3. US State regulations

No additional information available

SECTION 16: Other information

Full text of H-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
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

DISCLAIMER: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.