

## SECTION 1: Identification

### 1.1. Identification

Product form : Substance  
Substance name : Elemi

### 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](http://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
Skin corrosion/irritation, Category 2	Causes skin irritation
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 1	Very toxic to aquatic life with long lasting effects

### 2.2. GHS Label elements, including precautionary statements

#### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS02

GHS07

GHS08

GHS09

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Flammable liquid and vapour  
May be fatal if swallowed and enters airways  
Causes skin irritation  
May cause an allergic skin reaction  
Very 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  
Wash ... thoroughly after handling  
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)  
Do NOT induce vomiting  
If skin irritation occurs: Get medical advice/attention

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If skin irritation or rash occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse  
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

Other hazards not contributing to the classification : None under normal conditions.

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Name : Elemi

Name	Product identifier	%	GHS-US classification
(S)-P-MENTHA-1,8-DIENE	(CAS No) 5989-54-8	25 - 50	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
B-Phellandrene	(CAS No) 555-10-2	2.5 - 10	Asp. Tox. 1, H304

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 after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Wash thoroughly with soft, clean water for 15 minutes holding eye lids open.

First-aid measures after ingestion : Do not give patient anything orally. Do not induce vomiting. (If swallowed, seek medical advice immediately and show this container or label). Get medical advice/attention if you feel unwell.

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

No additional information available

### 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. Halons. Foam. ABC-powder. BC-powder. Carbon dioxide.

Unsuitable extinguishing media : Water Jet.

### 5.2. Specific hazards arising from the chemical

Fire hazard : A fire will often produce a thick black smoke. Carbon dioxide. Carbon monoxide.

### 5.3. Special protective equipment and precautions for fire-fighters

No additional information available

## SECTION 6: Accidental release measures

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

General measures : Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

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### 6.2. Environmental precautions

Contain and collect spillages with non-combustible absorbent materials, e.g. Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters.

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

Methods for cleaning up : Clean up with detergents. Do not use solvents or thinners.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Remove contaminated clothing. Wash hands immediately after handling the product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Store in a dry place. Store in a closed container. The floor of the depot must be impermeable, non-combustible and designed to form a basin, in order that stored flammable liquids should not, under any circumstances, be released outside.

Packaging materials : Always keep in packaging made of an identical material to the original.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### (S)-P-MENTHA-1,8-DIENE (5989-54-8)

Not applicable

#### B-Phellandrene (555-10-2)

Not applicable

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Gloves. Protective clothing. Protective goggles.



## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Colour : Yellow to yellow-orange  
Odour : Characteristic spicy, balsamic  
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 : 54 °C  
Relative evaporation rate (butyl acetate=1) : No data available  
Flammability (solid, gas) : No data available  
Vapour pressure : 175 - 300 kPa

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Relative vapour density at 20 °C	: No data available
Relative density	: 0.84 - 0.91
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

Stable under normal conditions of use.

### 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 (NOx).

### 10.4. Conditions to avoid

Accumulation of electrostatic charges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
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.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life.

### 12.2. Persistence and degradability

No additional information available

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### 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

Waste treatment methods : Do not allow into drains or water courses.

Product/Packaging disposal recommendations : Recycle or dispose of in compliance with current legislation.

Additional information : Keep label on container.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated

### TDG

Not regulated

### Transport by sea

Transport document description (IMDG) : UN 1266 UN1266=Perfumery Products, 3, III

UN-No. (IMDG) : 1266

Proper Shipping Name (IMDG) : UN1266=Perfumery Products

Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : III - substances presenting low danger

Marine pollutant : Yes



### Air transport

Not applicable

## 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

### 15.3. US State regulations

No additional information available

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### 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

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