



FRATERWORKS

## SAFETY DATA SHEET

*Printed on 05 Dec 2023*

GHS: According to 2015/830/EU

*Code Number 311224*  
*Version 3 Revised 12/5/2023 2:19:16 AM*

### Section 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name BOULEAU PYROGENE 1840  
Code Number 311224  
Alternative Name  
REACH Reg No Not registered

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

Concentrated material for manufacturing purposes only

#### 1.3 Details of the supplier of the safety data sheet

Fraterworks  
P. O. Box 46009  
Park Avenue  
Lower Hutt 5044  
New Zealand

Telephone Number Tel No. +6448893800  
Email Address info@fraterworks.com

#### 1.4 Emergency Tel No Emergency No. +6448893800

### Section 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

SCI 3 Skin corrosion/irritation, category 3  
REP 2 Reproductive toxicity, category 2  
EH A2 Aquatic hazard, acute, category 2  
EH C2 Aquatic hazard, chronic, category 2

#### 2.2 Label elements

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GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

Hazard Statements

- |      |   |
|------|---|
| H316 | Causes mild skin irritation                         |
| H361 | Suspected of damaging fertility or the unborn child |
| H401 | Toxic to aquatic life                               |
| H411 | Toxic to aquatic life with long lasting effects     |

Precautionary Statements

- |           |   |
|-----------|---|
| P201      | Obtain special instructions before use.                                   |
| P202      | Do not handle until all safety precautions have been read and understood. |
| P273      | Avoid release to the environment.   |
| P280      | Wear protective gloves and eye protection                                 |
| P308+P313 | IF exposed or concerned: Get medical advice.                              |
| P332+P313 | If skin irritation occurs: Get medical advice/attention.                  |
| P391      | Collect spillage.   |
| P405      | Store locked up.  |
| P501      | Dispose of contents and container to local.                               |

## 2.3 Other Hazards

Contains Benzyl Alcohol, Benzyl Benzoate, Benzyl Cinnamate, Eugenol, Evernia Prunastri (Oak Moss) Extract, Geraniol, Limonene and Linalool which may produce an allergic reaction

No further information available at this time

## Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

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## 3.2 Mixtures

Complex mixture of fragrance ingredients

### Hazardous components

| ID Numbers                                  | Chemical Name, Classification and Hazards   | Conc (%)   |
|---|---|------------|
| CAS 8050-15-5<br>EINECS 232-476-2<br>REACH  | Hercolyn (Methyl esters of rosin)<br>EH A3,C3<br>H402,H412  | >=25%      |
| CAS 85940-29-0<br>EINECS 288-919-5<br>REACH | Birch tar oil (rectified)<br>FL 4;SCI 3<br>H227,H316  | >=10%,<25% |
| CAS 101-94-0<br>EINECS 202-990-1<br>REACH   | para-Cresyl phenyl acetate (para-Tolyl phenyl acetate)<br>SCI 3<br>H316   | >=3%,<5%   |
| CAS 77-53-2<br>EINECS 201-035-6<br>REACH    | Cedrol (alpha-Cedrol)<br>SCI 3;EH A2,C2<br>H316,H401,H411   | >=1%,<3%   |
| CAS 120-51-4<br>EINECS 204-402-9<br>REACH   | Benzyl benzoate<br>ATO 4(1500);ATD 5(4000);EH A1,C2<br>H302,H313,H400,H411  | >=1%,<3%   |
| CAS 469-61-4<br>EINECS 207-418-4<br>REACH   | alpha-Cedrene<br>SCI 3;AH 1;EH A1,C1(M factor 10)<br>H304,H316,H400,H410  | >=1%,<3%   |
| CAS 7212-44-4<br>EINECS 230-597-5<br>REACH  | Nerolidol<br>EDI 2A;EH A1,C1<br>H319,H400,H410  | >=0.1%,<1% |
| CAS 104-93-8<br>EINECS 203-253-7<br>REACH   | para-Cresyl methyl ether (Methyl paracresol) (p-Methyl anisole)<br>FL 3;ATO 4(1900);SCI 2;REP 2;EH A3,C3<br>H226,H302,H315,H361,H402,H412 | >=0.1%,<1% |
| CAS 80-56-8<br>EINECS 201-291-9<br>REACH    | Pinenes<br>FL 4;ATO 5(3500);AH 1;SCI 2;SS 1B;EH A1,C1<br>H227,H303,H304,H315,H317,H400,H410   | >=0.1%,<1% |

Refer to section 16 for the wording of listed classification and hazard statement codes

## Section 4. First Aid measures

Take phrases in section 2 into account

### 4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

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## After 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.

## After eye contact

Flush with plenty of water and seek medical advice if necessary.

## After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

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

No further information available at this time

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

No further information available at this time

## Section 5. Fire-fighting measures

### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder.  
DO NOT USE A DIRECT WATER JET.

### 5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

### 5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

## Section 6. Accidental release measures

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

Remove all sources of ignition.  
Avoid inhalation, skin and eye contact.  
Ensure proper ventilation.

### 6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

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

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in

### 6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

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accordance with regulations.

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

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

Store in tightly sealed original containers away from ignition sources and in a cool place.

### 7.3 Specific end use(s)

No further information available

## Section 8. Exposure controls / personal protection

### 8.1 Control Parameters

No information

### 8.2 Exposure controls

Engineering controls

No information

Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

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Thermal hazards  
No information  
Environmental exposure controls  
No information

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

FLASH POINT (°C) 140

### 9.2 Other information

No further information available

## Section 10. Stability and reactivity

### 10.1 Reactivity

Not determined

### 10.2 Chemical Stability

Not determined

### 10.3 Possibility of hazardous reactions

Not determined

### 10.4 Conditions to avoid

Extreme temperatures

### 10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

### 10.6 Hazardous decomposition products

Not determined

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

1,8-Cineol (Eucalyptol) (CAS: 470-82-6)  
Oral route: LD50 = 2480 mg/kg

2-Methoxy-4-methylphenol (Creosote / Creosole) (p-Methylguai (CAS: 93-51-6)  
Oral route: LD50 = 630 mg/kg

alpha-Pinene (2,6,6-Trimethyl-bicyclo-[3.1.1]-hept-2-ene) (CAS: 80-56-8)

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Oral route: LD50 = 3500 mg/kg

Anisaldehyde (p-Methoxybenzaldehyde) (CAS: 123-11-5)

Oral route: LD50 = 3210 mg/kg

Balsam Peru Resinoid (Balsam Perou) (CAS: 8007-00-9)

Oral route: LD50 = 3210 mg/kg

Benzaldehyde (CAS: 100-52-7)

Oral route: LD50 = 1430 mg/kg

Inhalation route: LC50 = 1.5 mg/kg

Benzyl acetone (4-Phenyl butane-2-one) (CAS: 2550-26-7)

Oral route: LD50 = 3200 mg/kg

Furfural (carc. Cat. 3) L(T,R23/25)=5%;L(Xn,R20/22-40)=1%,L( (CAS: 98-01-1)

Oral route: LD50 = 100 mg/kg

Dermal route: LD50 = 1100 mg/kg

Inhalation route: LC50 = 1 mg/kg

Guaiacol (2-Methoxy-phenol) (CAS: 90-05-1)

Oral route: LD50 = 500 mg/kg

Oakmoss absolute IFRA LOW ATRANOL (CAS: 9000-50-4)

Oral route: LD50 = 2900 mg/kg

para- Cresol L(T24/25)=L(C34)=5%;L(Xn21/22)=L(Xi36/38)=1 (CAS: 106-44-5)

Oral route: LD50 = 207 mg/kg

Dermal route: LD50 = 300 mg/kg

para-Cresyl methyl ether (Methyl paracresol) (p-Methyl aniso (CAS: 104-93-8)

Oral route: LD50 = 1900 mg/kg

Thyme oil (CAS: 8007-46-3)

Oral route: LD50 = 1800 mg/kg

Skin corrosion / irritation

No data

Serious eye damage / irritation

No data

Respiratory or skin sensitisation

No data

Germ cell mutagenicity

No data

Carcinogenicity

No data

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Reproductive toxicity

No data

STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

## Section 12. Ecological information

### 12.1 Toxicity

### 12.2 Persistence and degradability

No data

### 12.3 Bioaccumulative potential

No data

### 12.4 Mobility in soil

No data

### 12.5 Results of PBT and vPvB assessment

No data

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## 12.6 Other adverse effects

No data available

## Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

## Section 14. Transport information

### 14.1 UN number

ADR 3082

IATA 3082

IMDG 3082

### 14.2 UN proper shipping name

ADR ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PINENE ALPHA)

IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PINENE ALPHA)

IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PINENE ALPHA)

### 14.3 Transport hazard class(es)

ADR 9

IATA 9

IMDG 9

### 14.4 Packing group

ADR III

IATA III

IMDG III

Tunnel Code (E)

### 14.5 Environmental Hazards

No relevant information available

### 14.6 Special precautions for user

No relevant information available

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
Not applicable

## Section 15. Regulatory information

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

No relevant information available at this time

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

## Section 16. Other information

Full list of precautionary phrases

|           |   |
|-----------|---|
| P201      | Obtain special instructions before use.                                   |
| P202      | Do not handle until all safety precautions have been read and understood. |
| P273      | Avoid release to the environment.   |
| P280      | Wear protective gloves and eye protection                                 |
| P308+P313 | IF exposed or concerned: Get medical advice.                              |
| P332+P313 | If skin irritation occurs: Get medical advice/attention.                  |
| P391      | Collect spillage.   |
| P405      | Store locked up.  |
| P501      | Dispose of contents and container to local.                               |

Wording of any hazard classes listed in section 3

|        |                                       |
|--------|---------------------------------------|
| FL 3   | Flammable liquid, category 3          |
| FL 4   | Flammable liquid, category 4          |
| ATO 4  | Acute toxicity, oral, category 4      |
| ATO 5  | Acute toxicity, oral, category 5      |
| AH 1   | Aspiration hazard, category 1         |
| ATD 5  | Acute toxicity, dermal, category 5    |
| SCI 2  | Skin corrosion/irritation, category 2 |
| SCI 3  | Skin corrosion/irritation, category 3 |
| SS 1B  | Skin sensitisation, category 1B       |
| EDI 2A | Eye damage/irritation, category 2A    |
| REP 2  | Reproductive toxicity, category 2     |
| EH A1  | Aquatic hazard, acute, category 1     |

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|       |                                     |
|-------|-------------------------------------|
| EH A2 | Aquatic hazard, acute, category 2   |
| EH A3 | Aquatic hazard, acute, category 3   |
| EH C1 | Aquatic hazard, chronic, category 1 |
| EH C2 | Aquatic hazard, chronic, category 2 |
| EH C3 | Aquatic hazard, chronic, category 3 |

Wording of any hazard statements listed in section 3

|      |  |
|------|--|
| H226 | Flammable liquid and vapour                          |
| H227 | Combustible liquid                                   |
| H302 | Harmful if swallowed                                 |
| H303 | May be harmful if swallowed                          |
| H304 | May be fatal if swallowed and enters airways         |
| H313 | May be harmful in contact with skin                  |
| H315 | Causes skin irritation                               |
| H316 | Causes mild skin irritation                          |
| H317 | May cause an allergic skin reaction                  |
| H319 | Causes serious eye irritation                        |
| H361 | Suspected of damaging fertility or the unborn child  |
| H400 | Very toxic to aquatic life                           |
| H401 | Toxic to aquatic life                                |
| H402 | Harmful to aquatic life                              |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects      |
| H412 | Harmful to aquatic life with long lasting effects    |

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