



FRATERWORKS

Fraterworks Ltd.  
P. O. Box 46009  
Lower Hutt, 5011 New Zealand  
+64 4 889 3800  
info@frater.com

## SAFETY DATA SHEET

*Printed on 31 Oct 2023*

GHS: According to 2015/830/EU

*Code Number 982660*  
*Version 1 Revised 10/31/2023 1:20:33 PM*

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

#### 1.1 Product Identifier

Product Name SURALETTE EXTRA  
Code Number 982660  
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  
SS 1B Skin sensitisation, category 1B  
CAR 2 Carcinogenicity, 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                     |
| H317 | May cause an allergic skin reaction             |
| H351 | Suspected of causing cancer                     |
| H401 | Toxic to aquatic life                           |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

- |           |  |
|-----------|--|
| P280      | Wear protective gloves and eye protection              |
| P302+P352 | IF ON SKIN: Wash with plenty of water.                 |
| P308+P313 | IF exposed or concerned: Get medical advice.           |
| P333+P313 | If skin irritation or rash occurs: Get medical advice. |
| P501      | Dispose of contents and container to local.            |

## 2.3 Other Hazards

Contains Amyl Cinnamal, Anise Alcohol, Benzyl Alcohol, Benzyl Benzoate, Citral, Eugenol, Farnesol, 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

### 3.2 Mixtures

Complex mixture of fragrance ingredients

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## Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 5462-06-6 EINECS 226-749-5 REACH	Canthoxal (2-Methyl-3-(para-methoxyphenyl)-propanal) ATO 5(4500);SS 1B;EH A3 H303,H317,H402	>=25%
CAS 13828-37-0 EINECS 237-539-8 REACH	Mayol (cis-4-(1-Methylethyl)-cyclohexane methanol) (Menthan-7-ol) SS 1B;EH A2 H317,H401	>=10%, <25%
CAS 122-40-7 EINECS 204-541-5 REACH	alpha-Amyl cinnamic aldehyde (ACA) (2-Pentyl-3-phenyl-2-propen-1-al) ATO 5(3730);SCI 3;SS 1B;EH A2,C2 H303,H316,H317,H401,H411	>=10%, <25%
CAS 56973-85-4 EINECS 260-486-7 REACH	1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one (Dynascone/Galbascone) SS 1B H317	>=1%, <3%
CAS 92201-50-8 EINECS 295-980-1 REACH	Camphor oil (Ho oil / Shiu oil) FL 3;AH 1;SCI 2;SS 1;EH A1,C1 H226,H304,H315,H317,H400,H410	>=0.1%, <1%
CAS 140-67-0 EINECS 205-427-8 REACH	Estragole (Methyl chavicol) FL 4;ATO 4(1230);SCI 3;SS 1B;CAR 2;MUT 2 H227,H302,H316,H317,H341,H351	>=0.1%, <1%
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) FL 4;AH 1;SCI 2;SS 1B;EH A1,C1 H227,H304,H315,H317,H400,H410	>=0.1%, <1%
CAS 80-56-8 EINECS 201-291-9 REACH	Pinenes FL 4;ATO 5(3500);AH 1;SCI 2;SS 1B;EH A1,C1 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.

#### 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.

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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 vemiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

## 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.

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## 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

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

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## 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

alpha-Amyl cinnamic aldehyde (ACA) (2-Pentyl-3-phenyl-2-prop (CAS: 122-40-7)

Oral route: LD50 = 3730 mg/kg

alpha-Damascone (1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-but (CAS: 43052-87-5)

Oral route: LD50 = 1670 mg/kg

Dermal route: LD50 = 2900 mg/kg

Aniseed oil (Star anise oil) (CAS: 8026-83-3)

Oral route: LD50 = 3000 mg/kg

Armoise oil (Artemesia oil) (Mugwort) (CAS: 68991-20-8)

Oral route: LD50 = 700 mg/kg

Basil oil (Methyl chavicol type) (CAS: 8015-73-4)

Oral route: LD50 = 1300 mg/kg

Calamus oil (CAS: 8015-79-0)

Oral route: LD50 = 800 mg/kg

Canthoxal (2-Methyl-3-(para-methoxyphenyl)-propanal) (CAS: 5462-06-6)

Oral route: LD50 = 4500 mg/kg

Caraway oil (Seed) (CAS: 8000-42-8)

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Oral route: LD50 = 3200 mg/kg  
Dermal route: LD50 = 1600 mg/kg

Clove bud oil (CAS: 8000-34-8)  
Oral route: LD50 = 2650 mg/kg  
Dermal route: LD50 = 4900 mg/kg

Coriander oil (Coriander seed / herb oil) (CAS: 8008-52-4)  
Oral route: LD50 = 3700 mg/kg

Cuminaldehyde (Cumminic aldehyde) (CAS: 122-03-2)  
Oral route: LD50 = 1400 mg/kg  
Dermal route: LD50 = 2800 mg/kg

Galbanum extract (Galbanum resin) (CAS: 8023-91-4)  
Oral route: LD50 = 1600 mg/kg

Helichrysum absolute (Immortelle abs) (CAS: 8023-95-8)  
Oral route: LD50 = 4400 mg/kg

Marjoram oil, sweet (CAS: 8015-01-8)  
Oral route: LD50 = 2100 mg/kg

Rose absolute (CAS: 8007-01-0)  
Dermal route: LD50 = 2500 mg/kg

Tarragon oil (Estragon oil) (CAS: 8016-88-4)  
Oral route: LD50 = 1500 mg/kg

Thyme oil, White (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

Reproductive toxicity

No data

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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

### 12.6 Other adverse effects

No data available

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## 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. (LINALOOL)

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

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

### 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

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

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## 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

P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with plenty of water.
P308+P313	IF exposed or concerned: Get medical advice.
P333+P313	If skin irritation or rash occurs: Get medical advice.
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
SCI 2	Skin corrosion/irritation, category 2
SCI 3	Skin corrosion/irritation, category 3
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
MUT 2	Germ cell mutagenicity, category 2
CAR 2	Carcinogenicity, category 2
EH A1	Aquatic hazard, acute, category 1
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

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## 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
H315	Causes skin irritation
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
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

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