



BERRYLICIOUS FRAGRANCE OIL

SAFETY DATA SHEET

SECTION 1: MATERIAL & SUPPLY COMPANY IDENTIFICATION

Product Name: Berrylicious Fragrance Oil(Contains:1-(2,6,6-Trimethylcyclohexa-1,3-dienyl)-2-buten-1-one, Anisyl acetate (isomer unspecified), Ethyl methylphenylglycidate, delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2- buten-1 -one)

Product Code: FROBER

Recommended use: Fragrance for Consumer Product

Applicable in: Australia

Supplier: Heirloom Body Care

Web Site: www.heirloombodycare.com.au

ABN: 94 104 322 410

Address: Unit 9, 28 Coombes Drive Penrith NSW 2750

Telephone: 02 4722 2123

Fax: 02 4722 2904

Email: heirloom@heirloombodycare.com.au

Poisons Information Centre: 13 11 26 (available in Australia only)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substances or mixture

Class and category of danger:

Flammable Liquid, Hazard Category 4

Skin Corrosion / Irritation Category 3

Eye Damage / Irritation Category 2

Sensitization - Skin Category 1

Hazardous to the Aquatic Environment - Acute Hazard Category 2

Hazardous to the Aquatic Environment - Long-term Hazard Category 2

H227, Combustible liquid.

H316, Causes mild skin irritation.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H411, Toxic to aquatic life with long lasting effects.

2.2 Label Elements



Signal word: Warning

Hazard statements: H227, Combustible liquid.
H316, Causes mild skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P261, Avoid breathing vapour or dust
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P363, Wash contaminated clothing before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.



Pictograms:

2.3 Other Hazards

Other hazards: Hydrocarbon Concentration %: 0.0000%

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Contains:

NAME	CAS	%	GHS CLASSIFICATION
Benzyl benzoate	120-51-4	20-<50%	Acute Tox. 4-Acute Tox. 5-Aquatic Acute 1-Aquatic Chronic 2; H302-H313-H400-H411



Ethyl methylphenylglycidate	77-83-8	5-<10%	Skin Sens. 1B-Aquatic Acute 2-Aquatic Chronic 2; H317-H411
Phenethyl alcohol	60-12-8	5-<10%	Acute Tox. 4-Acute Tox. 5-Skin Irrit. 3-Eye Irrit. 2A; H302-H313-H316- H319
Tetrahydrolinalool	78-69-3	5-<10%	Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2; H227-H315- H319-H401
4-(p-Hydroxyphenyl)-2-butanone	5471-51-2	1-<5%	Aquatic Acute 3;H402
Benzyl butyrate	103-37-7	1-<5%	Acute Tox. 5-Skin Irrit. 3;H303-H316
2-Phenoxyethyl isobutyrate	103-60-6	1-<5%	Skin Irrit. 3;H316
alpha,alpha-Dimethylphenethyl butyrate	10094-34-5	1-<5%	Aquatic Acute 2-Aquatic Chronic 2;H411
Anisyl acetate (isomer unspecified)	1331-83-5	1-<5%	Acute Tox. 5-Skin Irrit. 3-Skin Sens. 1-Aquatic Acute 3;H303-H316- H317-H402
beta-Ionone	14901-07-6	1-<5%	Skin Irrit. 3-Aquatic Acute 2-Aquatic Chronic 2;H316-H411
Piperonal	120-57-0	0.1-<1%	Acute Tox. 5-Skin Sens. 1B-Aquatic Acute 2;H303-H317-H401
Ethyl isovalerate	108-64-5	0.1-<1%	Flam. Liq. 3-Skin Irrit. 2;H226-H315
Butylated hydroxytoluene	128-37-0	0.1-<1%	Aquatic Acute 1-Aquatic Chronic 1;H410
delta-1-(2,6,6-Trimethyl-3- cyclohexen-1-yl)-2-buten-1-one	57378-68-4	0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 1-Aquatic Chronic 1;H302-H315-H317-H410
Methyl cinnamate	103-26-4	0.1-<1%	Acute Tox. 5-Skin Sens. 1B;H303- H317
alpha-Terpineol	98-55-5	0.1-<1%	Flam. Liq. 4-Acute Tox. 5-Skin Irrit. 2-Eye Irrit. 2AAquatic Acute 2;H227-H303-H315-H319-H401
1-(2,6,6-Trimethylcyclohexa-1,3- dienyl)-2-buten-1-one	23696-85-7	0.1-<1%	Acute Tox. 5-Skin Irrit. 2-Skin Sens. 1A-Aquatic Acute 2-Aquatic Chronic 2;H313-H315-H317-H411

Substances with Workplace Exposure Limits, not listed Above



Not applicable

SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

Ingestion: Rinse mouth with water and obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes mild skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see

None expected, see Section 4.1 for further information.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.



6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. To prevent congealing and denaturing it is recommended that goods are stored at temperatures between 15 - 30°C. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limits: Not applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.



Also refer to Sections 2 and 7.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Colourless - Faint Yellow
Odour:	Fruity, Floral, Sweet
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 90 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.9504 - 0.9644
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.



10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

SECTION 11 – TOXICOLOGICAL INFORMATION

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Acute Toxicity: Based on available data the classification criteria are not met.

Acute Oral Toxicity: >5000

Acute Dermal Toxicity: >5000

Acute Inhalation Toxicity: Not Available

Skin corrosion/irritation: Skin Corrosion / Irritation Category 3

Serious eye damage/irritation: Eye Damage / Irritation Category 2

Respiratory or skin sensitisation: Sensitization - Skin Category 1

Germ cell mutagenicity: Based on available data the classification criteria are not met.

Carcinogenicity: Based on available data the classification criteria are not met.

Reproductive toxicity: Based on available data the classification criteria are not met.

STOT-single exposure: Based on available data the classification criteria are not met.

STOT-repeated exposure: Based on available data the classification criteria are not met.

Aspiration hazard: Based on available data the classification criteria are not met

Information about hazardous ingredients in the mixture

Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LD50/ATE Inhalation	LC50 Route
Anisyl acetate (isomer unspecified)	1331-83-5	2500	Not available	Not available	Not available
Benzyl benzoate	120-51-4	1500	4000	Not available	Not available
Benzyl butyrate	103-37-7	2500	Not available	Not available	Not available
Phenethyl alcohol	60-12-8	1610	2500	Not available	Not available

Refer to Sections 2 and 3 for additional information.



SECTION 12 - ECOLOGICAL INFORMATION

- 12.1 Toxicity:** Toxic to aquatic life with long lasting effects.
- 12.2 Persistence and degradability:** Not available
- 12.3 Bioaccumulative potential:** Not available
- 12.4 Mobility in soil:** Not available
- 12.5 Other adverse effects:** Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 - TRANSPORT INFORMATION

14.1 UN number: UN3082

14.2 UN Model Regulations

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Benzyl benzoate, Ethyl methylphenylglycidate)

IMDG Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Benzyl benzoate, Ethyl methylphenylglycidate) MARINE POLLUTANT

ADR, RID, ADN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, Ethyl methylphenylglycidate)

ICAO Ti Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate, Ethyl methylphenylglycidate)

14.3 Transport hazard class(es): 9

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

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

Not applicable

SECTION 15 - REGULATORY INFORMATION

None additional



SECTION 16 - OTHER INFORMATION

Concentration % Limits:

SCI 3=14.62% EDI 2A=86.96% SS 1=13.51% EH A2=11.49% EH A3=1.15% EH C2=76.92% EH C3=7.69% EH C4=81.43%

Total Fractional Values:

SCI 3=6.84 EDI 2A=1.15 SS 1=7.40 EH A2=8.70 EH A3=87.18 EH C2=1.30 EH C3=13.00 EH C4=1.23

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Acute Tox. 5	Acute Toxicity - Dermal Category 5
Acute Tox. 5	Acute Toxicity - Oral Category 5
Aquatic Acute 1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the Aquatic Environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Asp. Tox 1	Aspiration Hazard Category 1
Eye Dam. 1	Eye Damage / Irritation Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
Flam. Liq. 2	Flammable Liquid, Hazard Category 2
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
Flam. Liq. 4	Flammable Liquid, Hazard Category 4
H225	Highly flammable liquid and vapour.
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.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
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.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.



P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
STOT SE 3	Specific Target Organ Toxicity (Single Exposure) Category 3
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Irrit. 3	Skin Corrosion / Irritation Category 3
Skin Sens. 1	Sensitization - Skin Category 1
Skin Sens. 1A	Sensitization - Skin Category 1A
Skin Sens. 1B	Sensitization - Skin Category 1B



Heirloom Body Care

Unit 9, 28 Coombes Drive, Penrith NSW 2750 Australia | www.heirloombodycare.com.au | 02 4722 2123

Issue Date 17/4/2023

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.