Safety Data Sheet

SECTION 1. Identification of the Material and Supplier

1.1 Product identifier

Name : BLOOD ORANGE GRAPEFRUIT

1.2 Recommended use of the chemical and restrictions on use

Recommended use : For Industrial use only.
Restrictions on use : Concentrated aromatic raw material. Not for personal use.

1.3 Supplier's details

Company Name : Luxaroma Pty Ltd
27 Union Circuit, Yatala
Yatala
Gold Coast 4207
QLD
Australia
Telephone Number : +61 7 3113 9270
Fax Number :
E-mail address of competent person responsible for the SDS :

1.4 Emergency telephone number

In case of emergency

SECTION 2. Hazards Identification

2.1 Classification of substance or mixture

Skin Corrosion/Irritation (Category 2)
Hazardous to the Aquatic Environment Acute (Category 2)
Hazardous to the Aquatic Environment Chronic (Category 2)
Skin-Sensitization (Category 1)
Aspiration Hazard (Category 1)

2.2 GHS Label elements, including precautionary statements

Hazard pictogram(s)



Signal word : Danger
Hazard statement(s) : H315 Causes skin irritation.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.
Precautionary Statement(s) : P264 Wash … thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P501 Dispose of contents/container to ...
P273 Avoid release to the environment.
P391 Collect spillage.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P405 Store locked up.
P362 Take off contaminated clothing and wash before reuse.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3 Other hazards which do not result in classification

None

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Not Applicable, mixture

3.2 Mixtures

EC No.	CAS No.	Name	GHS Classification	%[weight]
203-347-8	105-95-3	ETHYLENE BRASSILATE	C3 (H412)	>=10.0 <=30.0
201-828-7	88-41-5	VERDOX *	C2 (H411)	>=10.0 <=30.0
201-134-4	78-70-6	LINALOOL	SS 1B (H317)	>=10.0 <=30.0
227-813-5	5989-27-5	DI LIMONENE	FL 3 (H226), AH 1 (H304), SCI 2 (H315), SS 1B (H317), EH A1 (H400)	>0.0 <10.0
289-904-6	8016-20-4 or 90045-43-5	GRAPEFRUIT OIL	FL 3 (H226), AH 1 (H304), SCI 2 (H315)	>0.0 <10.0
204-116-4	115-95-7	LINALYL ACETATE	SCI 2 (H315), SS 1B (H317), EDI 2 (H319)	>0.0 <10.0
202-983-3	101-86-0	HEXYL CINNAMIC ALDEHYDE *	SS 1B (H317), EH A1 (H400), C2 (H411)	>0.0 <10.0
202-216-2	93-08-3	METHYL NAPHTHYL KETONE	SCI 2 (H315), C2 (H411), EDI 2 (H319)	>0.0 <10.0
219-440-1	2437-25-4	CLONAL	SCI 2 (H315), EH A1 (H400), C1 (H410)	>0.0 <10.0
203-093-8	103-26-4	METHYL CINNAMATE *	SS 1B (H317)	>0.0 <10.0

EC No.	CAS No.	Name	GHS Classification	%[weight]
205-775-0	150-84-5	CITRONELLYL ACETATE	SCI 2 (H315), C2 (H411)	>0.0 <10.0
203-341-5	105-87-3	GERANYL ACETATE	SCI 2 (H315), C3 (H412), SS 1 (H317)	>0.0 <10.0
266-803-5	67634-00-8	ALLYL AMYL GLYCOATE	ATO 4 (H302), ATI 2 (H330), EH A1 (H400), C1 (H410)	>0.0 <10.0
	128-37-0	BHT	C1 (H410)	>0.0 <10.0
205-459-2	141-12-8	NERYL ACETATE	SS 1B (H317)	>0.0 <10.0
201-061-8	77-83-8	ALDEHYDE C16	SS 1B (H317), C2 (H411)	>0.0 <10.0
202-981-2	101-84-8	DIPHENYL OXIDE *	EH A1 (H400), C3 (H412), EDI 2 (H319)	>0.0 <10.0

SECTION 4: First Aid Measures

In case of Ingestion	:	Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
In case of Eye Contact	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact a physician if irritation persists
In case of inhalation	:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
In case of Skin Contact	:	Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
General Advice	:	IF exposed or concerned or if you feel unwell: Consult a doctor/physician
Acute Or Delayed Symptoms	:	The most important known symptoms (if any) and its effects are described in the labelling (see section 2.2) and/or in section 11
Chronic Exposure	:	No further information available on the product itself
Immediate medical attention	:	IF exposed or concerned or if you feel unwell: Consult a doctor/physician Treat symptomatically.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media	:	Foam Dry agent (powder)
Unsuitable extinguishing media	:	Coarse water spray(jets) Fine water spray (fog)

5.2 Special hazards arising from the chemical

Hazardous combustion products	:	Chemical must be prevented from entering drains or watercourses

5.3 Special protective actions for fire-fighters

Special protective equipment for fire-fighters	:	Breathing apparatus is required
Hazchem Code	:	3Z

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment	:	Use personal protective equipment. Avoid contact with skin and eyes and inhalation of its vapours or smoke. For personal protection see section 8.
Emergency procedures	:	Consult an expert. Evacuate personnel to safe areas. Remove all ignition sources and ventilate area.

6.1.2 For emergency responders

Protective equipment	:	Use personal protective equipment. Avoid contact with skin and eyes and inhalation of its vapours or smoke. For personal protection see section 8.
Emergency procedures	:	Remove all ignition sources and ventilate area. Evacuate personnel to safe areas. Avoid dust formation. Avoid breathing vapours, mist or gas.

6.2 Environmental precautions

Environmental Precautions	:	Should not be released into the environment. Keep contained to prevent contamination of drains, soil or ground water.

6.3 Methods and material for containment and cleaning up

To contain a spill

Methods and Suitable materials for spill containment	:	Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
Cleaning up	:	Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

	:	Use only in a well-ventilated area.
Measures to prevent fire	:	Keep away from ignition sources and naked flames. Use flameproof electrical equipment and spark-reduced tools.
Measures to protect the environment	:	Dispose of rinse water in accordance with local and national regulations.
Advice on general occupational hygiene	:	Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after chemical contact, before breaks and meals, and at the end of the each work period. Contaminated clothing and shoes should be thoroughly cleaned before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions	:	Keep container closed when not in use. Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances. Protect container from physical damage.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

ETHYLENE BRASSILATE (CAS: 105-95-3)	:	No data Available
VERDOX * (CAS: 88-41-5)	:	No data Available
LINALOOL (CAS: 78-70-6)	:	No data Available
DI LIMONENE (CAS: 5989-27-5)	:	No data Available
GRAPEFRUIT OIL (CAS: 8016-20-4 or 90045-43-5)	:	No data Available
LINALYL ACETATE (CAS: 115-95-7)	:	No data Available
HEXYL CINNAMIC ALDEHYDE * (CAS: 101-86-0)	:	No data Available
METHYL NAPHTHYL KETONE (CAS: 93-08-3)	:	No data Available
CLONAL (CAS: 2437-25-4)	:	No data Available
METHYL CINNAMATE * (CAS: 103-26-4)	:	No data Available
CITRONELLYL ACETATE (CAS: 150-84-5)	:	No data Available
GERANYL ACETATE (CAS: 105-87-3)	:	No data Available
ALLYL AMYL GLYCOATE (CAS: 67634-00-8)	:	No data Available
BHT (CAS: 128-37-0)	:	No data Available
NERYL ACETATE (CAS: 141-12-8)	:	No data Available
ALDEHYDE C16 (CAS: 77-83-8)	:	No data Available
DIPHENYL OXIDE * (CAS: 101-84-8)	:	No data Available

8.2 Exposure controls

Eye Protection	:	Avoid eye contact. Use safety glasses with side shield or goggles. Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.
Skin Protection	:	Avoid skin contact. Wear clothing that provides comprehensive protection to the skin. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
Respiratory Protection	:	Avoid breathing vapour. Wear respiratory protection
Hand Protection	:	Avoid skin contact. Use chemically resistant gloves.
General Protection	:	Follow good manufacturing practices for personal hygiene. Wash any exposed skin immediately after chemical contact, before breaks and meals, and at the end of the each work period.
Engineering Controls	:	Ensure that eyewash stations and safety showers are proximal to the work-station location. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
8.2.3 Environmental exposure controls	:	Avoid discharge into the environment

SECTION 9: Physical and Chemical Properties

Physical and Chemical Properties

Appearance	:	Not Established
Odour	:	Not Determined
Odour Threshold	:	Not Determined

pH	:	Not Established
Melting point / freezing point	:	Not Determined
Initial boiling point and boiling range	:	Not Determined
Flash Point (Closed cup test)	:	>95.0 Degree C
Evaporation rate	:	Not Determined
Flammability (solid, gas)	:	Not Determined
Upper/lower flammability or explosive limits	:	Not Determined
Vapour Pressure	:	Not Determined
Vapour Density	:	Not Determined
Relative density	:	Not Established
Solubility(ies)	:	Not Established
Partition coefficient: n-octanol/water	:	Not Established
Auto-ignition temperature	:	Not Established
Decomposition temperature	:	Not Established
Viscosity	:	Not Established
Explosive properties	:	Not Established
Oxidising properties	:	Not Established

SECTION 10: Stability and Reactivity

10.1 Reactivity

Reactivity hazards : No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Chemical Stability : Stable under ordinary conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to Avoid : Heat, flames, ignition sources and incompatibles.

10.5 Incompatible materials

Incompatibilities : None known.

10.6 Hazardous decomposition products

Hazardous Decomposition Products : Stable under ordinary conditions of use and storage.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects

Information about hazardous ingredients in the mixture:

EC No.	CAS No.	Name	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation
203-347-8	105-95-3	ETHYLENE BRASSILATE	Not Determined	Not Determined	Not Determined

EC No.	CAS No.	Name	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation
201-828-7	88-41-5	VERDOX *	Not Determined	Not Determined	Not Determined
201-134-4	78-70-6	LINALOOL	Not Determined	Not Determined	Not Determined
227-813-5	5989-27-5	DI LIMONENE	Not Determined	Not Determined	Not Determined
289-904-6	8016-20-4 or 90045-43-5	GRAPEFRUIT OIL	Not Determined	Not Determined	Not Determined
204-116-4	115-95-7	LINALYL ACETATE	Not Determined	Not Determined	Not Determined
202-983-3	101-86-0	HEXYL CINNAMIC ALDEHYDE *	Not Determined	Not Determined	Not Determined
202-216-2	93-08-3	METHYL NAPHTHYL KETONE	Not Determined	Not Determined	Not Determined
219-440-1	2437-25-4	CLONAL	Not Determined	Not Determined	Not Determined
203-093-8	103-26-4	METHYL CINNAMATE *	Not Determined	Not Determined	Not Determined
205-775-0	150-84-5	CITRONELLYL ACETATE	Not Determined	Not Determined	Not Determined
203-341-5	105-87-3	GERANYL ACETATE	Not Determined	Not Determined	Not Determined
266-803-5	67634-00-8	ALLYL AMYL GLYCOATE	Not Determined	Not Determined	Not Determined
	128-37-0	BHT	Not Determined	Not Determined	Not Determined
205-459-2	141-12-8	NERYL ACETATE	Not Determined	Not Determined	Not Determined
201-061-8	77-83-8	ALDEHYDE C16	Not Determined	Not Determined	Not Determined
202-981-2	101-84-8	DIPHENYL OXIDE *	Not Determined	Not Determined	Not Determined

SECTION 12: Ecological Information

12.1 Toxicity

Environmental Toxicity : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.2 Persistence and degradability

Degradability : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.3 Bioaccumulative potential

Bioaccumulative potential : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.4 Mobility in soil

Mobility in soil : No specific ecological information is available for this product. Avoid contaminating the soil as well as surface and ground water.

12.5 Results of PBT and vPvB assessment

PBT or a vPvB assessment : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects

: None

SECTION 13: Disposal Considerations

Disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: Transport Information

	ADR/RID	IMDG	ICAO/IATA
14.1 UN Number	3082	3082	3082
14.2 UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. (Farnesol)	Environmentally hazardous substance, liquid, n.o.s. (Farnesol)	Environmentally hazardous substance, liquid, n.o.s. (Farnesol)
14.3 Transport hazard class(es)	9	9	9
14.4 Packing group	III	III	III
	Tunnel Rrestriction Code: (E) Digit Of Hazard Label: 9 Classification Code: M6	EmS: F-A, S-F	
14.5 Environmental hazards	Yes	Marine pollutant: Yes	Not Applicable
14.6 Special precautions for user	None	None	None
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	None	IBC03	None

SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations specific for the product in question

15.1.1 Classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

No Further data available

15.1.2 National Regulations

No further information.

SECTION 16: Other Information

Revisions

Revision 1(Date :10-Sep-2026)

Abbreviations and acronyms

AH 1 - Aspiration Hazard Category 1
ATI 2 - Acute Toxicity-INHALATION Category 2
ATO 4 - Acute Toxicity-ORAL Category 4
C1 - Hazardous to the Aquatic Environment Chronic Category 1
C2 - Hazardous to the Aquatic Environment Chronic Category 2
C3 - Hazardous to the Aquatic Environment Chronic Category 3
EDI 2 - Serious Eye Damage/Irritation Category 2
EH A1 - Hazardous to the Aquatic Environment Acute Category 1
FL 3 - Flammable Liquids Category 3
SCI 2 - Skin Corrosion/Irritation Category 2
SS 1 - Skin-Sensitization Category 1
SS 1B - Skin-Sensitization Category 1B
H226 - Flammable liquid and vapour.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H330 - Fatal if inhaled.
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.
H412 - Harmful to aquatic life with long lasting effects.

Further Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall z&p.com be liable for any claims, losses, or damages of any

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