

# SAVARA BEAUTY DOT Fragrance Ladies Inspired by Gucci Rush

## Safety Data Sheet

according to SANS 10234:2019 and SANS 11014:2010  
Issue date: 5/20/2025 Revision date: 5/20/2027

### SECTION 1: Identification

#### 1.1. Product identifier

Product form	: Mixture
Trade name	: DOT Fragrance Ladies Inspired by Gucci Rush
Type of product	: Perfumes, Fragrances
Product code	: SH1938
Product group	: Cosmetics, personal care products

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

No additional information available

#### 1.3. Supplier's details

##### Manufacturer

Shield Chemicals  
9 London St  
Apex Benoni  
South Africa  
T 0104482444

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to the United Nations GHS

Flammable liquids, Category 3	H226
Skin corrosion/irritation, Category 3	H316
Serious eye damage/eye irritation, Category 2A	H319
Skin sensitisation, Category 1	H317
Reproductive toxicity, Category 2	H361
Specific target organ toxicity – Repeated exposure, Category 2	H373
Hazardous to the aquatic environment – Acute Hazard, Category 2	H401
Hazardous to the aquatic environment – Chronic Hazard, Category 2	H411

Full text of H-statements: see section 16

#### 2.2. Label elements

##### Labelling according to the United Nations GHS

Hazard pictograms (GHS ZA)



Signal word (GHS ZA)

: Warning

Hazardous ingredients

: alpha-hexylcinnamaldehyde; beta-Ionone; 7-Hydroxycitronellal; 3-(p-Cumenyl)-2-methylpropionaldehyde; alpha-methyl-1,3-benzodioxole-5-propanal; hexyl salicylate; linalool; 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; Methyl 2,4-dihydroxy-3,6-dimethylbenzoate; 3-p-(ethylphenyl)-2,2-dimethylpropionaldehyde; (+)-limonene; Caryophyllene

Hazard statements (GHS ZA)

: H226 - Flammable liquid and vapour  
H316 - Causes mild skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H361 - Suspected of damaging fertility. (Oral)

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### Precautionary statements (GHS ZA)

H373 - May cause damage to organs (circulatory organs) through prolonged or repeated exposure (Inhalation)  
H411 - Toxic to aquatic life with long lasting effects

: P203 - Obtain, read and follow all safety instructions before use.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground and bond container and receiving equipment.  
P241 - Use explosion-proof ventilating equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P260 - Do not breathe dusts or mists.  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective clothing, eye protection, face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P318 - IF exposed or concerned, get medical advice.  
P319 - Get medical help if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P332+P317 - If skin irritation occurs: Get medical help.  
P333+P317 - If skin irritation or rash occurs: Get medical help.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use foam to extinguish.  
P391 - Collect spillage.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects

: Flammable liquid and vapour, Suspected of damaging fertility or the unborn child, May cause damage to organs through prolonged or repeated exposure, May cause an allergic skin reaction, Causes serious eye irritation, Toxic to aquatic life, Toxic to aquatic life with long lasting effects.

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to the United Nations GHS
alpha-hexylcinnamaldehyde	CAS-No.: 101-86-0	3 – 6	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Acute Tox. 3 (Inhalation:vapour), H331 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to the United Nations GHS
beta-Ionone	CAS-No.: 14901-07-6	0.3 – 1.5	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 STOT RE 2, H373 Aquatic Acute 2, H401
7-Hydroxycitronellal	CAS-No.: 107-75-5	0.3 – 1.5	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 STOT RE 2, H373 Aquatic Acute 3, H402
3-(p-Cumenyl)-2-methylpropionaldehyde	CAS-No.: 6658-48-6	0.3 – 1.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Acute Not classified
alpha-methyl-1,3-benzodioxole-5-propanal	CAS-No.: 1205-17-0	0.3 – 1.5	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
hexyl salicylate	CAS-No.: 6259-76-3	0.3 – 1.5	Flam. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
linalool	CAS-No.: 78-70-6 EC Index-No.: 603-235-00-2	0.3 – 1.5	Flam. Liq. 4, H227 Acute Tox. Not classified (Dermal) Skin Sens. 1B, H317
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	CAS-No.: 54464-57-2	0.3 – 1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate	-	0.03 – 0.3	Acute Tox. Not classified (Oral) Acute Tox. Not classified (Dermal) Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Acute Not classified
3-p-(ethylphenyl)-2,2-dimethylpropionaldehyde	-	0.03 – 0.3	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
(+)-limonene	CAS-No.: 5989-27-5 EC Index-No.: 601-096-00-2	0.03 – 0.3	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to the United Nations GHS
Caryophyllene	-	0.03 – 0.3	Flam. Liq. Not classified Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 4, H413

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
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#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapour.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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### SECTION 6: Accidental release measures

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

No additional information available

##### 6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
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##### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Environmental exposure controls	: Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: [In case of inadequate ventilation] wear respiratory protection.

**Personal protective equipment symbol(s):**



### 8.4. Exposure limit values for the other components

No additional information available

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### SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: No data available
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
pH solution	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability	: Flammable liquid and vapour.
Vapour pressure	: No data available
Vapour pressure at 50°C	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Density	: No data available
Relative gas density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Flammable liquid and vapour.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

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### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### alpha-hexylcinnamaldehyde (101-86-0)

LD50 oral rat	3100 mg/kg (Equivalent or similar to OECD 401, Rat, Male, Experimental value of similar product, Isomer, Oral, 14 day(s))
LD50 dermal rabbit	> 3000 mg/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Female, Experimental value of similar product, Isomer, Dermal, 7 day(s))
LC50 Inhalation - Rat	> 5 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value of similar product, Isomer, Inhalation (aerosol), 14 day(s))

#### beta-Ionone (14901-07-6)

LD50 oral rat	5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	67.36 mg/l air Animal: rat, Guideline: other:Estimated data

#### 7-Hydroxycitronellal (107-75-5)

LD50 oral rat	> 6400 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit

#### alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)

LD50 oral rat	3362 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))

#### hexyl salicylate (6259-76-3)

LD50 oral rat	> 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Experimental value, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Equivalent or similar to OECD 402, Rabbit, Experimental value, Dermal)

#### linalool (78-70-6)

LD50 oral rat	2790 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Weight of evidence, Oral, 014 day(s))
LD50 oral	≈ 2790 mg/kg
LD50 dermal rabbit	5610 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))

#### Methyl 2,4-dihydroxy-3,6-dimethylbenzoate

LD50 oral rat	≈ 5000 mg/kg
LD50 dermal rat	≈ 5000 mg/kg

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<b>(+)-limonene (5989-27-5)</b>	
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal, 7 day(s))

Skin corrosion/irritation	: Causes mild skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

<b>7-Hydroxycitronellal (107-75-5)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:Effect type: toxicity (migrated information)

Reproductive toxicity	: Suspected of damaging fertility. (Oral).
STOT-single exposure	: Not classified

<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate</b>	
STOT-single exposure	Not available

<b>Caryophyllene</b>	
STOT-single exposure	Not available

STOT-repeated exposure	: May cause damage to organs (circulatory organs) through prolonged or repeated exposure (Inhalation).
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<b>beta-Ionone (14901-07-6)</b>	
LOAEL (oral, rat, 90 days)	50 mg/kg bodyweight Animal: rat
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

<b>7-Hydroxycitronellal (107-75-5)</b>	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (subchronic, oral, animal/male, 90 days)	60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard	: Not classified
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

<b>alpha-hexylcinnamaldehyde (101-86-0)</b>	
LC50 - Fish [1]	1.7 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value of similar product, Other isomer)
EC50 - Crustacea [1]	0.36 – 0.59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Flow-through system, Fresh water, Experimental value of similar product, Other isomer)

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<b>alpha-hexylcinnamaldehyde (101-86-0)</b>	
ErC50 algae	> 0.065 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value of similar product, Other isomer)
Partition coefficient n-octanol/water (Log Pow)	5.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 24 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	4.2 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, Other isomer)
<b>beta-Ionone (14901-07-6)</b>	
LC50 - Fish [1]	5.09 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	4.1467 mg/l Test organisms (species): Daphnia magna
<b>7-Hydroxycitronellal (107-75-5)</b>	
LC50 - Fish [1]	31.6 mg/l Test organisms (species): Leuciscus idus
EC50 - Crustacea [1]	410 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	123.32 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
<b>3-(p-Cumenyl)-2-methylpropionaldehyde (6658-48-6)</b>	
LC50 - Fish [1]	≈ 11.3 mg/l
EC50 72h - Algae [1]	≈ 1.44 mg/l
<b>alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)</b>	
LC50 - Fish [1]	5.3 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	8.3 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	28 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)
Partition coefficient n-octanol/water (Log Pow)	2.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
<b>hexyl salicylate (6259-76-3)</b>	
LC50 - Fish [1]	100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value)
EC50 - Crustacea [1]	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)
ErC50 algae	0.61 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Read-across, GLP)
BCF - Fish [1]	8913 l/kg (Pisces, Flow-through system, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	5.5 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 30 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.5 (log Koc, Calculated value)
<b>linalool (78-70-6)</b>	
LC50 - Fish [1]	27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)

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<b>linalool (78-70-6)</b>	
EC50 - Crustacea [1]	59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 algae	156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)
Partition coefficient n-octanol/water (Log Pow)	2.8 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.9 – 2.2 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate</b>	
LC50 - Fish [1]	≈ 5.2 mg/l
EC50 72h - Algae [1]	≈ 3.3 mg/l

<b>(+)-limonene (5989-27-5)</b>	
LC50 - Fish [1]	720 µg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Measured concentration)
EC50 - Crustacea [1]	0.31 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Measured concentration)
ErC50 algae	0.32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Measured concentration)
BCF - Fish [1]	865 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	4.4 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3 – 3.8 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

### 12.2. Persistence and degradability

<b>DOT Fragrance Ladies Inspired by Gucci Rush</b>	
Persistence and degradability	Rapidly degradable
<b>alpha-hexylcinnamaldehyde (101-86-0)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>beta-Ionone (14901-07-6)</b>	
Persistence and degradability	Rapidly degradable
<b>7-Hydroxycitronellal (107-75-5)</b>	
Persistence and degradability	Rapidly degradable
<b>3-(p-Cumenyl)-2-methylpropionaldehyde (6658-48-6)</b>	
Persistence and degradability	Rapidly degradable
<b>alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)</b>	
Persistence and degradability	Not readily biodegradable in water.
<b>hexyl salicylate (6259-76-3)</b>	
Persistence and degradability	Readily biodegradable in water.
ThOD	2.36 g O <sub>2</sub> /g substance
<b>linalool (78-70-6)</b>	
Persistence and degradability	Readily biodegradable in water.

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<b>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one (54464-57-2)</b>	
Persistence and degradability	Rapidly degradable
<b>Methyl 2,4-dihydroxy-3,6-dimethylbenzoate</b>	
Persistence and degradability	Rapidly degradable
<b>3-p-(ethylphenyl)-2,2-dimethylpropionaldehyde</b>	
Persistence and degradability	Rapidly degradable
<b>(+)-limonene (5989-27-5)</b>	
Persistence and degradability	Readily biodegradable in water.
ThOD	3.29 g O <sub>2</sub> /g substance
<b>Caryophyllene</b>	
Persistence and degradability	Rapidly degradable
<b>12.3. Bioaccumulative potential</b>	
<b>DOT Fragrance Ladies Inspired by Gucci Rush</b>	
Bioaccumulative potential	No additional information available
<b>alpha-hexylcinnamaldehyde (101-86-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	5.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 24 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	4.2 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, Other isomer)
Bioaccumulative potential	High potential for bioaccumulation (Log Kow > 5).
<b>alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>hexyl salicylate (6259-76-3)</b>	
BCF - Fish [1]	8913 l/kg (Pisces, Flow-through system, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	5.5 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 30 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.5 (log Koc, Calculated value)
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).
<b>linalool (78-70-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.8 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.9 – 2.2 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>(+)-limonene (5989-27-5)</b>	
BCF - Fish [1]	865 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)

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<b>(+)-limonene (5989-27-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.4 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3 – 3.8 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Bioaccumulative potential	Potential for bioaccumulation ( $4 \leq \text{Log Kow} \leq 5$ ).

### 12.4. Mobility in soil

<b>DOT Fragrance Ladies Inspired by Gucci Rush</b>	
Mobility in soil	No additional information available

<b>alpha-hexylcinnamaldehyde (101-86-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	5.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 24 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	4.2 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, Other isomer)
Ecology - soil	Low potential for mobility in soil.

<b>alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

<b>hexyl salicylate (6259-76-3)</b>	
Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Pow)	5.5 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 30 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.5 (log Koc, Calculated value)
Ecology - soil	Low potential for mobility in soil.

<b>linalool (78-70-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.8 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.9 – 2.2 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for adsorption in soil.

<b>(+)-limonene (5989-27-5)</b>	
Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Pow)	4.4 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3 – 3.8 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for mobility in soil.

### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Additional information : Flammable vapours may accumulate in the container.

### SECTION 14: Transport information

In accordance with SANS / UN RTDG / IMDG / IATA

SANS	IMDG	IATA
<b>14.1. UN number</b>		
1266	1266	1266
<b>14.2. Proper Shipping Name</b>		
PERFUMERY PRODUCTS	PERFUMERY PRODUCTS	Perfumery products
<b>Transport document description</b>		
Not applicable	UN 1266 PERFUMERY PRODUCTS, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 1266 Perfumery products, 3, III, ENVIRONMENTALLY HAZARDOUS
<b>14.3. Transport hazard class(es)</b>		
3	3	3
		
<b>14.4. Packing group</b>		
III	III	III
<b>14.5. Environmental hazards</b>		
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes
No supplementary information available		

#### 14.6. Special precautions for user

##### SANS

Special provisions (SANS) : 223  
Limited quantities (SANS) : 5 L  
Limited quantities (SANS) : 5 L  
Packagings, large packagings and IBCs Packing instructions (SANS) : P001, IBC03, LP01  
Portable tank and bulk containers instructions (SANS) : T2  
Portable tank and bulk container special provisions (SANS) : TP1

##### IMDG

Special provisions (IMDG) : 163, 223, 904, 955  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T2  
Tank special provisions (IMDG) : TP1  
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS

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EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS  
Stowage category (IMDG) : A  
Properties and observations (IMDG) : Miscibility with water depends upon the composition.

### IATA

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344  
PCA limited quantity max net quantity (IATA) : 10L  
PCA packing instructions (IATA) : 355  
PCA max net quantity (IATA) : 60L  
CAO packing instructions (IATA) : 366  
CAO max net quantity (IATA) : 220L  
Special provisions (IATA) : A3, A72  
ERG code (IATA) : 3L

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

#### 15.1.1. OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

##### Prohibited Hazardous Chemical Agents

Not regulated

#### 15.1.2. National Environmental Management Act, 1998

##### Regulation No. 51358 (Prior Informed Consent Procedure Regulations, 2024)

Not regulated

### 15.2. Safety, health, and environmental national regulations specific for the product

No additional information available

## SECTION 16: Other information

Issue date : 5/20/2025  
Revision date : 5/20/2027

### Full text of H-statements

H224	Extremely 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
H312	Harmful in contact with skin
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

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Full text of H-statements	
H319	Causes serious eye irritation
H331	Toxic if inhaled
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
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
H413	May cause long lasting harmful effects to aquatic life

Safety Data Sheet (SDS), South Africa

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.