

### SECTION 1: Identification

#### 1.1. Product identifier

Product form	: Mixture
Trade name	: Citronella & Vanilla 697329BB
Type of product	: Perfumes, Fragrances
Product group	: Trade product

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

Use of the substance/mixture	: Perfumes, Fragrances
Recommended use	: Perfumes, fragrances

#### 1.3. Supplier's details

##### Manufacturer

Sensetek  
 24 Village Crescent  
 Linbro Business Park, Sandton  
 P.O. Box PO Box 2598  
 2065 Gauteng,  
 T +27 11 608 4944/5  
[sales@sensetek.biz](mailto:sales@sensetek.biz) - [www.sensetek.co.za](http://www.sensetek.co.za)

#### 1.4. Emergency telephone number

Emergency number	: +27 83 382 1905
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### SECTION 2: Hazards identification

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

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

Flammable liquids	Not classified
Acute toxicity (oral), Category 5	H303
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2A	H319
Skin sensitisation, Category 1	H317
Carcinogenicity, Category 2	H351
Reproductive toxicity, Category 2	H361
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	: Turpentine oil; Benzyl alcohol; trans-Anethole; Terpeneol; d-Limonene; Diphenyl ether; Citronellal; 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one; Terpinolene; p-Mentha-1,4-diene; Estragole; dl-Citronellol; Eugenyl methyl ether; alpha-Pinene; Eucalyptol; p-Cymene; Linalool; Hexen-2-al; p-Mentha-1,3-diene; Ethyl vanillin
Hazard statements (GHS ZA)	: H303 - May be harmful if swallowed H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H351 - Suspected of causing cancer. H361 - Suspected of damaging fertility or the unborn child. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (GHS ZA)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing vapours, spray, mist.

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

P264 - Wash hands, forearms and face thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear eye protection, face protection, protective clothing, protective gloves.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - IF exposed or concerned: Get medical advice, medical attention.  
P312 - Call a doctor, a POISON CENTER if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P332+P313 - If skin irritation occurs: Get medical attention, medical advice.  
P333+P313 - If skin irritation or rash occurs: Get medical attention, medical advice.  
P337+P313 - If eye irritation persists: Get medical attention, medical advice.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P391 - Collect spillage.  
P405 - Store locked up.  
P501 - Dispose of contents and container to an approved waste disposal plant.

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : Suspected of causing cancer,Suspected of damaging fertility or the unborn child,Harmful if swallowed,Causes skin irritation,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. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to the United Nations GHS
Diethyl phthalate	(CAS-No.) 84-66-2	13.5 – 18	Flam. Liq. Not classified
Turpentine oil	(CAS-No.) 8006-64-2	3.8 – 7.6	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl alcohol	(CAS-No.) 100-51-6	3.8 – 7.6	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation:vapour), H331 Eye Irrit. 2A, H319 STOT RE Not classified Aquatic Acute Not classified Aquatic Chronic Not classified
trans-Anethole	(CAS-No.) 4180-23-8	3.8 – 7.6	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Skin Sens. 1B, H317 Aquatic Acute 2, H401
Terpineol	(CAS-No.) 8000-41-7	1.9 – 3.8	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315
d-Limonene	(CAS-No.) 5989-27-5	1.9 – 3.8	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Isobornyl acetate	(CAS-No.) 125-12-2	1.9 – 3.8	Flam. Liq. 4, H227 Skin Irrit. 3, H316 Aquatic Acute 2, H401
Diphenyl ether	(CAS-No.) 101-84-8	0.38 – 1.9	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Eye Irrit. 2B, H320 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

Name	Product identifier	%	Classification according to the United Nations GHS
Citronellal	(CAS-No.) 106-23-0	0.38 – 1.9	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Skin Sens. 1B, H317
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	(CAS-No.) 76-22-2	0.38 – 1.9	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Chronic 2, H411
Terpinolene	(CAS-No.) 586-62-9	0.38 – 1.9	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
p-Mentha-1,3-diene	(CAS-No.) 99-86-5	0.38 – 1.9	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 3, H316 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Ethyl vanillin	(CAS-No.) 121-32-4	0.9 – 1.8	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Eye Irrit. 2B, H320 Aquatic Acute 3, H402
p-Mentha-1,4-diene	(CAS-No.) 99-85-4	0.038 – 0.38	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Repr. 2, H361 Asp. Tox. 1, H304
Estragole	(CAS-No.) 140-67-0	0.038 – 0.38	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 3, H316 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351
dl-Citronellol	(CAS-No.) 106-22-9	0.038 – 0.38	Flam. Liq. Not classified Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Eugenyl methyl ether	(CAS-No.) 93-15-2	0.038 – 0.38	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Muta. 2, H341 Carc. 2, H351
alpha-Pinene	(CAS-No.) 80-56-8	0.038 – 0.38	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Eucalyptol	(CAS-No.) 470-82-6	0.038 – 0.38	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Skin Sens. 1B, H317
p-Cymene	(CAS-No.) 99-87-6	0.038 – 0.38	Flam. Liq. 3, H226 Acute Tox. 5 (Oral), H303 Repr. 2, H361 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Linalool	(CAS-No.) 78-70-6	0.038 – 0.38	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Acute Tox. Not classified (Dermal) Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 3, H402
Hexen-2-al	(CAS-No.) 6728-26-3	0.038 – 0.38	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Sens. 1B, H317 Aquatic Chronic 2, H411

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off 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 : Rinse mouth. 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 : Irritation. 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.

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

- 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.

### 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. Avoid contact with skin and eyes. Avoid breathing vapours, spray, mist.

##### 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".

#### 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapours, spray, mist.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Turpentine oil (8006-64-2)	
South Africa - Occupational Exposure Limits (Airborne Pollutants)	
Local name	Turpentine
OEL TWA	560 mg/m <sup>3</sup>

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

<b>Turpentine oil (8006-64-2)</b>	
OEL TWA [ppm]	100 ppm
OEL STEL	840 mg/m <sup>3</sup>
OEL STEL [ppm]	150 ppm
Regulatory reference	Government Notice No. R 904
<b>Diphenyl ether (101-84-8)</b>	
<b>South Africa - Occupational Exposure Limits (Recommended Limits)</b>	
Local name	Diphenyl ether (vapour)
OEL TWA	7 mg/m <sup>3</sup>
OEL TWA [ppm]	1 ppm
Regulatory reference	Government Notice. R: 1179
<b>South Africa - Occupational Exposure Limits (Airborne Pollutants)</b>	
Local name	Phenyl ether (Diphenyl ether)
OEL TWA	7 mg/m <sup>3</sup> vapour
OEL TWA [ppm]	1 ppm vapour
Regulatory reference	Government Notice No. R 904
<b>1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)</b>	
<b>South Africa - Occupational Exposure Limits (Recommended Limits)</b>	
Local name	Camphor - synthetic (Bornan-2-one)
OEL TWA	12 mg/m <sup>3</sup>
OEL TWA [ppm]	2 ppm
OEL STEL	18 mg/m <sup>3</sup>
OEL STEL [ppm]	3 ppm
Regulatory reference	Government Notice. R: 1179
<b>Diethyl phthalate (84-66-2)</b>	
<b>South Africa - Occupational Exposure Limits (Recommended Limits)</b>	
Local name	Diethyl phthalate
OEL TWA	5 mg/m <sup>3</sup>
OEL STEL	10 mg/m <sup>3</sup>
Regulatory reference	Government Notice. R: 1179

### 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

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : Liquid.  
Colour : No data available  
Odour : characteristic.  
Odour threshold : No data available  
pH : No data available

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

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 (solid, gas)	: Not applicable
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 explosive limit (LEL)	: No data available
Upper explosive limit (UEL)	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 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

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 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)	: May be harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

ATE ZA (oral)	3516.622 mg/kg bodyweight
<b>Turpentine oil (8006-64-2)</b>	
LD50 oral	500 mg/kg bodyweight
LD50 dermal	1100 mg/kg bodyweight
LC50 Inhalation - Rat (Vapours)	13.7 mg/l/4h
<b>Benzyl alcohol (100-51-6)</b>	
LD50 oral rat	1.55 ml/kg

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

<b>Benzyl alcohol (100-51-6)</b>	
LD50 oral	1620 mg/kg bodyweight
LD50 dermal rabbit	2000 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight
LC50 Inhalation - Rat	4.178 mg/l/4h
<b>Terpineol (8000-41-7)</b>	
LD50 oral	4300 mg/kg bodyweight
<b>trans-Anethole (4180-23-8)</b>	
LD50 oral	3000 mg/kg bodyweight
<b>Citronellal (106-23-0)</b>	
LD50 oral	2500 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight
<b>Terpinolene (586-62-9)</b>	
LD50 oral	3775 mg/kg bodyweight
<b>Diphenyl ether (101-84-8)</b>	
LD50 oral	2900 mg/kg bodyweight
<b>Estragole (140-67-0)</b>	
LD50 oral	1230 mg/kg bodyweight
<b>p-Mentha-1,4-diene (99-85-4)</b>	
LD50 oral	3850 mg/kg bodyweight
<b>1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)</b>	
LD50 oral	1500 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	1.5 mg/l/4h
<b>alpha-Pinene (80-56-8)</b>	
LD50 oral	500 mg/kg bodyweight
<b>dl-Citronellol (106-22-9)</b>	
LD50 oral	3450 mg/kg bodyweight
LD50 dermal	2650 mg/kg bodyweight
<b>Eucalyptol (470-82-6)</b>	
LD50 oral	2480 mg/kg bodyweight
<b>Linalool (78-70-6)</b>	
LD50 oral	2790 mg/kg bodyweight
LD50 dermal rabbit	5610 mg/kg bodyweight
<b>p-Mentha-1,3-diene (99-86-5)</b>	
LD50 oral	1680 mg/kg bodyweight
LD50 dermal rat	2000 mg/kg bodyweight
<b>p-Cymene (99-87-6)</b>	
LD50 oral	4750 mg/kg bodyweight
<b>Eugenyl methyl ether (93-15-2)</b>	
LD50 oral	1180 mg/kg bodyweight
<b>Hexen-2-al (6728-26-3)</b>	
LD50 oral	900 mg/kg bodyweight
LD50 dermal	600 mg/kg bodyweight
<b>Ethyl vanillin (121-32-4)</b>	
LD50 oral	3000 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: Not classified

<b>1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)</b>	
STOT-single exposure	May cause damage to organs.

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

STOT-repeated exposure : Not classified

<b>Benzyl alcohol (100-51-6)</b>	
NOAEL (oral, rat, 90 days)	400 – 500 mg/kg bodyweight/day
NOAEC (inhalation, rat, gas, 90 days)	1.072 – 1.29 mg/l

Aspiration hazard : Not classified

## 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>Benzyl alcohol (100-51-6)</b>	
LC50 - Fish [1]	460 mg/l
EC50 - Crustacea [1]	230 mg/l
EC50 72h - Algae [1]	500 – 770 mg/l
NOEC chronic fish	48.897 mg/l
Bioconcentration factor (BCF REACH)	1.37
Partition coefficient n-octanol/water (Log Pow)	0.87 – 1.1
Partition coefficient n-octanol/water (Log Koc)	15.7

<b>Linalool (78-70-6)</b>	
LC50 - Fish [1]	27.8 mg/l
EC50 - Crustacea [1]	59 mg/l
Partition coefficient n-octanol/water (Log Pow)	2.9

<b>p-Mentha-1,3-diene (99-86-5)</b>	
LC50 - Fish [1]	3.15 mg/l
EC50 - Crustacea [1]	1.7 mg/l
Partition coefficient n-octanol/water (Log Pow)	5.3

### 12.2. Persistence and degradability

<b>Citronella &amp; Vanilla 697329BB</b>	
Persistence and degradability	No additional information available

### 12.3. Bioaccumulative potential

<b>Citronella &amp; Vanilla 697329BB</b>	
Bioaccumulative potential	No additional information available

<b>Benzyl alcohol (100-51-6)</b>	
Bioconcentration factor (BCF REACH)	1.37
Partition coefficient n-octanol/water (Log Pow)	0.87 – 1.1
Partition coefficient n-octanol/water (Log Koc)	15.7

<b>Linalool (78-70-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.9

<b>p-Mentha-1,3-diene (99-86-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	5.3

### 12.4. Mobility in soil

<b>Citronella &amp; Vanilla 697329BB</b>	
Mobility in soil	No additional information available

<b>Benzyl alcohol (100-51-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.87 – 1.1
Partition coefficient n-octanol/water (Log Koc)	15.7

<b>Linalool (78-70-6)</b>	
Partition coefficient n-octanol/water (Log Pow)	2.9

<b>p-Mentha-1,3-diene (99-86-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	5.3

### 12.5. Other adverse effects

Ozone : Not classified



# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

Other adverse effects : No additional information available




### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

SANS	IMDG	IATA
<b>14.1. UN number</b>		
3082	3082	3082
<b>14.2. Proper Shipping Name</b>		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	Environmentally hazardous substance, liquid, n.o.s.
<b>14.3. Transport hazard class(es)</b>		
9	9	9
		
<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) : 179, 274, 331, 335  
Limited quantities (SANS) : 5 L  
Limited quantities (SANS) : 5 L  
Packagings, large packagings and IBCs : P001, IBC03, LP01  
Packing instructions (SANS)  
Packagings, large packagings and IBCs Special : PP1  
packing instructions (SANS)  
Portable tank and bulk containers instructions (SANS) : T4  
Portable tank and bulk container special provisions (SANS) : TP1, TP29

##### - IMDG

Special provisions (IMDG) : 274, 335, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE  
EmS-No. (Spillage) : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS  
Stowage category (IMDG) : A

##### - IATA

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L

# Citronella & Vanilla 697329BB

## Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

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

Regulatory reference : SANS 10234:2019; SANS 11014:2010; SANS 10228:2012; SANS 10229:2010; SANS 10232(1,2,4), SANS 10231:2018; Occupational Health and Safety Act 85 of 1993; National Road Traffic Act 93 of 1996.

## SECTION 16: Other information

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Full text of H-statements:

H226	Flammable liquid and vapour.
H227	Combustible liquid
H228	Flammable solid.
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
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.
H319	Causes serious eye irritation.
H320	Causes eye irritation
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H371	May cause damage to organs.
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.

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.*