

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixture  
 Product name : SANI BIN GEL – Bio-organic Odours Neutralizer / Insect Repellent  
 Product code : SKU: SG2680

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Odours neutralizer, deodorizer, air freshener  
 Sanitary Disposal Bin

#### 1.4. Supplier's details

##### Manufacturer:

Calfar.me (Singapore) Pte Ltd Telephone: +65 6556 4111  
 AMK TechLink  
 20 Ang Mo Kio Industrial Park 2A 06-18  
 Singapore 567761  
 Email: sales@calfar.me.sg Web: www.calfar.me.sg

##### Distributor:

Calfar.me Products Sdn Bhd Telephone: +60 3 5122 2700  
 45 & 47 Jalan Tabla 33/21  
 Shah Alam Technology Park  
 Seksyen 33, 40400 Shah Alam  
 Selangor Darul Ehsan Malaysia  
 Email: malaysia@calfar.me.com Web: www.calfar.me.com

##### Calfar.me Australia Pty Ltd

Telephone: +61 (2) 9153 0677  
 P.O Box 678, Kingsgrove NSW 1480  
 Unit 4B, Doyle Avenue, Unanderra NSW 2526  
 Tel: 1300 649088  
 Email: sales@calfar.me.com.au Web: www.calfar.me.com.au

#### 1.5. Emergency phone number

Emergency number : +65 6556 4111 (Office Hours Monday - Friday)

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin corrosion/irritation, Category 2 H315  
 Serious eye damage/eye irritation, Category 2A H319  
 Skin sensitisation, Category 1 H317  
 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335

#### 2.2. Label elements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) :

Warning

Contains

: Oils, citronella (>= 20 %); (R)-p-mentha-1,8-diene; d-limonene (10 - 20 %); Linalool (1 - 10 %); citral (1 - 10 %); ALPHA PINENE NATURAL (0.1 - 1 %); 2,6- octadien-1-ol, 3,7- dimethyl-, (2E)- (0.1 - 1 %); 3,7-dimethyl-6-octen-1-ol (citronellol) (0.1 - 1 %); Citronellal (0.1 - 1 %)

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according to the Model Work Health and Safety Regulations

Hazard statements (GHS AU)	: H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Precautionary statements (GHS AU)	: P261 - Avoid breathing vapours, spray, mist. P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P302+P352 - IF ON SKIN: Wash with plenty of water/... P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER/doctor if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362 - Take off contaminated clothing. P363 - Wash contaminated clothing before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Oils, citronella ( )	8000-29-1	>= 20	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Chronic 3, H412
(R)-p-mentha-1,8-diene; d-limonene ( )	5989-27-5	10 - 20	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Linalool ( )	78-70-6	1 - 10	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Sens. 1B, H317
citral ( )	5392-40-5	1 - 10	Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Skin Sens. 1, H317
ALPHA PINENE NATURAL ( )	80-56-8	0.1 - 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6- octadien-1-ol,3,7- dimethyl-,(2E)- ( )	106-24-1	0.1 - 1	Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
3,7-dimethyl-6-octen-1-ol (citronellol) ( )	106-22-9	0.1 - 1	Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Citronellal ( )	106-23-0	0.1 - 1	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Acute Tox. 5 (Dermal), H313 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
Other substances (not contributing to the classification of this product)		77.2 - 69.52	

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according to the Model Work Health and Safety Regulations

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: 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	: Call a poison center or a doctor if you feel unwell.

#### 4.2. Symptoms caused by exposure

Symptoms/effects	: Causes skin and eye irritation.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract.

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

Other medical advice or treatment	: Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
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#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Not flammable.
Explosion hazard	: Product is not explosive.
General measures	: None necessary.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Fight fire with normal precautions from a reasonable distance.
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

General measures	: None necessary.
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##### 6.1.1. For non-emergency personnel

Protective equipment	: For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Ventilate spillage area. Avoid breathing fume. Avoid contact with skin and eyes.

##### 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	: Absorb spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material.

### SECTION 7: Handling and storage, including how the chemical may be safely used

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Use only outdoors or in a well-ventilated area. Avoid breathing fume, vapours. Avoid contact with skin and eyes. Wear personal protective equipment.
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

Technical measures	: Does not require any specific or particular technical measures.
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters - exposure standards

#### Exposure limit values for the other components

#### 8.2. Monitoring

No additional information available

#### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Personal protective equipment

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance :

Colour : Pale yellow

Odour : perfumed

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

: Melting point : Not applicable

Boiling point : No data available

Flash point : > 100 °C

Auto-ignition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : No data available

Relative density : No data available

Density : No data available

Solubility : No data available

Log Pow : No data available

Explosive properties : No data available

Explosive limits : No data available

Minimum ignition energy : No data available

Fat solubility : No data available

### SECTION 10: Stability and reactivity

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

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.

Conditions to avoid : None under recommended storage and handling conditions (see section 7).

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

### SECTION 11: Toxicological information

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

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Acute toxicity (inhalation)	: Not classified
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	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

<b>(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)</b>	
LC50 fish 1	0.72 mg/l
EC50 Daphnia 1	0.36 mg/l
<b>Linalool (78-70-6)</b>	
LC50 fish 1	27.8 mg/l
EC50 other aquatic organisms 1	20 mg/l waterflea
EC50 other aquatic organisms 2	88.3 mg/l
Log Pow	2.84
<b>citral (5392-40-5)</b>	
LC50 fish 1	4.1 mg/l
EC50 other aquatic organisms 1	7 mg/l waterflea
EC50 other aquatic organisms 2	5 mg/l
Log Pow	2.8
<b>ALPHA PINENE NATURAL (80-56-8)</b>	
LC50 fish 1	0.28 mg/l
EC50 other aquatic organisms 1	1.44 mg/l waterflea
Log Pow	4.32
<b>2,6- octadien-1-ol,3,7- dimethyl-,(2E)- (106-24-1)</b>	
LC50 fish 1	22 mg/l
EC50 other aquatic organisms 1	10.8 mg/l waterflea
EC50 other aquatic organisms 2	13.1 mg/l
Log Pow	3.5
<b>3,7-dimethyl-6-octen-1-ol (citronellol) (106-22-9)</b>	
LC50 fish 1	10 mg/l
EC50 other aquatic organisms 1	17.48 mg/l waterflea
EC50 other aquatic organisms 2	2.38 mg/l
Log Pow	3.1

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

<b>Linalool (78-70-6)</b>	
Log Pow	See section 12.1 on ecotoxicology

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<b>citral (5392-40-5)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>ALPHA PINENE NATURAL (80-56-8)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>2,6- octadien-1-ol,3,7- dimethyl-,(2E)- (106-24-1)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>3,7-dimethyl-6-octen-1-ol (citronellol) (106-22-9)</b>	
Log Pow	See section 12.1 on ecotoxicology

### 12.4. Mobility in soil

<b>Linalool (78-70-6)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>citral (5392-40-5)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>ALPHA PINENE NATURAL (80-56-8)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>2,6- octadien-1-ol,3,7- dimethyl-,(2E)- (106-24-1)</b>	
Log Pow	See section 12.1 on ecotoxicology
<b>3,7-dimethyl-6-octen-1-ol (citronellol) (106-22-9)</b>	
Log Pow	See section 12.1 on ecotoxicology

### 12.5. Other adverse effects

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

<b>SANI BIN GEL – Bio-organic Odours Neutralizer / Insect Repellent</b>	
Fluorinated greenhouse gases	False
<b>(R)-p-mentha-1,8-diene; d-limonene (5989-27-5)</b>	
Fluorinated greenhouse gases	False
<b>Linalool (78-70-6)</b>	
Fluorinated greenhouse gases	False
<b>citral (5392-40-5)</b>	
Fluorinated greenhouse gases	False
<b>ALPHA PINENE NATURAL (80-56-8)</b>	
Fluorinated greenhouse gases	False
<b>2,6- octadien-1-ol,3,7- dimethyl-,(2E)- (106-24-1)</b>	
Fluorinated greenhouse gases	False
<b>3,7-dimethyl-6-octen-1-ol (citronellol) (106-22-9)</b>	
Fluorinated greenhouse gases	False
<b>Citronellal (106-23-0)</b>	
Fluorinated greenhouse gases	False
<b>Oils, citronella (8000-29-1)</b>	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
 Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

ADG	IMDG	IATA
<b>14.2. UN proper shipping name</b>		
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable

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ADG	IMDG	IATA
<b>14.5. Environmental hazards</b>		
	Marine pollutant : No	

### 14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

### Transport by road and rail

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

### 14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Classification:

Skin Irrit. 2	H315
Eye Irrit. 2A	H319
Skin Sens. 1	H317
STOT SE 3	H335

Full text of H-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 5 (Dermal)	Acute toxicity (dermal), Category 5
Acute Tox. 5 (Oral)	Acute toxicity (oral), Category 5
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. 4	Flammable liquids, Category 4
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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.
H317	May cause an allergic skin reaction.

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H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
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.

SDS Australia

*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*