

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Animalit
- **Article number:** 560200, 560201, 560202
- **UFI:** GHN1-U0XS-G00Y-QA5Q
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU1 Agriculture, forestry, fishery
- **Product category** PC8 Biocidal products
- **Technical function** Biocide
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
EUROHUNT GmbH
Harzblick 25
D-99768 Harztor
- Tel.: +49 (0)36331/5054-0
Fax: +49 (0)36331/5054-22
- Email: info@eurohunt.de
- **Informing department:** Product safety department
- **1.4 Emergency telephone number:** +49 (0) 36331 / 5054-0 (Only during office hours)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
dipentene
Hydroxycitronellal
Cinnamyl alcohol
Citronellol
3-p-cumenyl-2-methylpropionaldehyde
benzyl salicylate
 α -hexylcinnamaldehyde
eucalyptol

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 1)

Pinene

terpinolene

Hazard statements

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves / eye protection.

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.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties

118-58-1 benzyl salicylate

List II

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 68131-39-5 NLP: 500-195-7	Alcohols, C12-15, ethoxylated Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Aquatic Chronic 3, H412	≥2.5-<3%
CAS: 138-86-3 EINECS: 205-341-0 Index number: 601-029-00-7	dipentene Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥1-<2.5%
CAS: 107-75-5 EINECS: 203-518-7	Hydroxycitronellal Eye Irrit. 2, H319; Skin Sens. 1B, H317	≥0.1-<1%
CAS: 104-54-1 EINECS: 203-212-3	Cinnamyl alcohol Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Sens. 1, H317	≥0.25-<1%
CAS: 106-22-9 EINECS: 203-375-0	Citronellol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 4, H413	≥0.1-<1%
CAS: 103-95-7 EINECS: 203-161-7	3-p-cumenyl-2-methylpropionaldehyde Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≥0.1-<1%
CAS: 118-58-1 EINECS: 204-262-9	benzyl salicylate Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	≥0.1-<1%

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 2)

CAS: 101-86-0 EINECS: 202-983-3	α -hexylcinnamaldehyde ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1-<1%
CAS: 120-51-4 EINECS: 204-402-9 Index number: 607-085-00-9	Benzyl benzoate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302	≥0.25-<1%
CAS: 123-35-3 EINECS: 204-622-5	Myrcene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥0.25-<1%
CAS: 470-82-6 EINECS: 207-431-5	eucalyptol ⚠ Flam. Liq. 3, H226; ⚠ Skin Sens. 1B, H317	≥0.1-<1%
CAS: 80-56-8 EINECS: 201-291-9	Pinene ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥0.1-<1%
CAS: 586-62-9 EINECS: 209-578-0	terpinolene ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sens. 1B, H317	≥0.1-<0.1%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	<0.1%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information

Instantly remove any clothing soiled by the product.

Wash contaminated clothing before reuse.

Contaminated work clothing should not be allowed out of the workplace.

· After inhalation

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact

Immediately rinse with water.

If skin irritation continues, consult a doctor.

· After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

· After swallowing

In case of persistent symptoms consult doctor.

· 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents** Use fire fighting measures that suit the environment.

· **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

· 5.2 Special hazards arising from the substance or mixture

Can be released in case of fire

Carbon monoxide (CO)

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 3)

- **5.3 Advice for firefighters** Collect contaminated water separately.
- **Protective equipment:**
Wear self-contained breathing apparatus.
Wear full protective suit.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
- **For non-emergency personnel**
Avoid contact with the product.
Remove persons from danger area.
- **For emergency responders**
Avoid contact with eyes and skin.
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**
Inform respective authorities in case product reaches water or sewage system.
Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:**
Protect from heat and direct sunlight.
Protect from frost.
- **Storage class** 10
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs

68131-39-5 Alcohols, C12-15, ethoxylated

Dermal	Worker - Long term - Systemic effects	2,080 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	294 mg/m ³

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 4)

107-75-5 Hydroxycitronellal

Dermal	Worker - Acute - Local effects	0.5 mg/cm ² skin
	Worker - Long term - Systemic effects	1.9 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	18 mg/m ³

104-54-1 Cinnamyl alcohol

Dermal	Worker - Long term - Systemic effects	10.42 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	18.37 mg/m ³

106-22-9 Citronellol

Dermal	Worker - Long term - Systemic effects	327.4 mg/kg bw/day
Inhalative	Worker - Long term - Local effects	10 mg/m ³
	Worker - Long term - Systemic effects	161.6 mg/m ³
	Worker - Acute - Local effects	10 mg/m ³

103-95-7 3-p-cumenyl-2-methylpropionaldehyde

Dermal	Worker - Long term - Local effects	0.00743 mg/cm ² skin
	Worker - Long term - Systemic effects	1.67 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	5.83 mg/m ³

118-58-1 benzyl salicylate

Dermal	Worker - Long term - Systemic effects	0.9 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	3.17 mg/m ³

80-56-8 Pinene

Dermal	Worker - Long term - Systemic effects	0.54 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	3.8 mg/m ³

586-62-9 terpinolene

Dermal	Worker - Long term - Local effects	0.044 mg/cm ² skin
	Worker - Long term - Systemic effects	0.52 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	3.6 mg/m ³

106-24-1 Geraniol

Dermal	Worker - Long term - Systemic effects	12.5 mg/kg bw/day
Inhalative	Worker - Long term - Systemic effects	161.6 mg/m ³

PNECs**68131-39-5 Alcohols, C12-15, ethoxylated**

PNEC aqua (freshwater)	0.0448 mg/l
PNEC Water (Marine water)	0.0448 mg/l
PNEC sediment (freshwater)	41.3 mg/kg dw
PNEC Sediment (Marine water)	41.3 mg/kg dw
PNEC Soil	1 mg/kg
PNEC microorganisms (STP)	10,000 mg/l
PNEC aqua (intermittent release)	0.0448 mg/l

107-75-5 Hydroxycitronellal

PNEC aqua (freshwater)	0.0316 mg/l
PNEC Water (Marine water)	0.00316 mg/l
PNEC sediment (freshwater)	0.145 mg/kg dw
PNEC Sediment (Marine water)	0.015 mg/kg dw
PNEC Soil	0.011 mg/kg
PNEC microorganisms (STP)	10 mg/l

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 5)

104-54-1 Cinnamyl alcohol

PNEC aqua (freshwater)	0.0035 mg/l
PNEC Water (Marine water)	0.00035 mg/l
PNEC sediment (freshwater)	8.153 mg/kg dw
PNEC Sediment (Marine water)	8.153 mg/kg dw
PNEC Soil	3.203 mg/kg
PNEC microorganisms (STP)	8.053 mg/l
PNEC aqua (intermittent release)	0.035 mg/l

106-22-9 Citronellol

PNEC aqua (freshwater)	0.0024 mg/l
PNEC Water (Marine water)	0.00024 mg/l
PNEC sediment (freshwater)	0.0256 mg/kg dw
PNEC Sediment (Marine water)	0.00256 mg/kg dw
PNEC Soil	0.00371 mg/kg
PNEC microorganisms (STP)	580 mg/l
PNEC aqua (intermittent release)	0.024 mg/l

103-95-7 3-p-cumenyl-2-methylpropionaldehyde

PNEC aqua (freshwater)	0.00109 mg/l
PNEC Water (Marine water)	0.00011 mg/l
PNEC sediment (freshwater)	0.126 mg/kg dw
PNEC Sediment (Marine water)	0.013 mg/kg dw
PNEC Soil	0.025 mg/kg
PNEC microorganisms (STP)	1 mg/l

118-58-1 benzyl salicylate

PNEC aqua (freshwater)	0.001 mg/l
PNEC Water (Marine water)	0 mg/l
PNEC sediment (freshwater)	0.583 mg/kg dw
PNEC Sediment (Marine water)	0.058 mg/kg dw
PNEC Soil	1.41 mg/kg
PNEC microorganisms (STP)	10 mg/l
PNEC aqua (intermittent release)	0.0103 mg/l

80-56-8 Pinene

Oral	PNEC oral	8.76 mg/kg
	PNEC aqua (freshwater)	0.000606 mg/l
	PNEC Water (Marine water)	0.000061 mg/l
	PNEC sediment (freshwater)	0.157 mg/kg dw
	PNEC Sediment (Marine water)	0.0157 mg/kg dw
	PNEC Soil	0.0317 mg/kg
	PNEC microorganisms (STP)	0.2 mg/l

586-62-9 terpinolene

PNEC aqua (freshwater)	0.000634 mg/l
PNEC Water (Marine water)	0.000063 mg/l
PNEC sediment (freshwater)	0.147 mg/kg dw
PNEC Sediment (Marine water)	0.0147 mg/kg dw
PNEC Soil	0.0291 mg/kg

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 6)

	PNEC microorganisms (STP)	0.2 mg/l
106-24-1 Geraniol		
	PNEC aqua (freshwater)	0.0108 mg/l
	PNEC Water (Marine water)	0.00108 mg/l
	PNEC sediment (freshwater)	0.115 mg/kg dw
	PNEC Sediment (Marine water)	0.0115 mg/kg dw
	PNEC Soil	0.0167 mg/kg
	PNEC microorganisms (STP)	0.7 mg/l
	PNEC aqua (intermittent release)	0.108 mg/l

8.2 Exposure controls

- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**
 - Take off immediately all contaminated clothing
 - Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves** Butyl rubber, BR
- **Penetration time of glove material**
 - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Safety glasses recommended during refilling.
- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information**

- | | |
|---|-----------------|
| · Colour: | Light brown |
| · Odour: | Aromatic |
| · Melting point/freezing point: | Not determined |
| · Boiling point or initial boiling point and boiling range | 100 °C |
| · Flash point: | Not determined. |
| · Decomposition temperature: | Not determined. |
| · pH | Not determined. |
| · Viscosity: | |
| · Kinematic viscosity | Not determined. |
| · dynamic: | Not determined. |
| · Solubility | |
| · Water: | Fully miscible |
| · Partition coefficient n-octanol/water (log value) | Not determined. |

(Contd. on page 8)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 7)

- | | |
|-----------------------------------|-----------------|
| · Vapour pressure at 25 °C: | 32 hPa |
| · Density and/or relative density | |
| · Density | Not determined |
| · Vapour density | Not determined. |

- | | |
|--|------------------------------|
| · 9.2 Other information | |
| · Appearance: | |
| · Form: | Fluid |
| · Important information on protection of health and environment, and on safety. | |
| · Self-inflammability: | Product is not selfigniting. |
| · Explosive properties: | Product is not explosive. |
| · Surface tension: | |
| · VOC EU | 3.526 % |
| · Change in condition | |
| · Evaporation rate | Not determined. |

- | | |
|--|------|
| · Information with regard to physical hazard classes | |
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Void |
| · Oxidising gases | Void |
| · Gases under pressure | Void |
| · Flammable liquids | Void |
| · Flammable solids | Void |
| · Self-reactive substances and mixtures | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** The product is stable under normal conditions of storage and use.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Store away from oxidising agents.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 9)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 8)

· LD/LC50 values that are relevant for classification:**68131-39-5 Alcohols, C12-15, ethoxylated**

Oral	ATE	500 mg/kg
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104-54-1 Cinnamyl alcohol

Oral	LD50	2,000 mg/kg (Rat)
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Dermal	LD50	>5,000 mg/kg (Rabbit)
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106-22-9 Citronellol

Oral	LD50	3,450 mg/kg (Rat)
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Dermal	LD50	2,650 mg/kg (Rabbit)
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120-51-4 Benzyl benzoate

Oral	LD50	500 mg/kg (Rat)
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Dermal	LD50	4,000 mg/kg (Rabbit)
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80-56-8 Pinene

Oral	LD50	>500 mg/kg (Rat) (OECD TG 423)
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Dermal	LD50	>2,000 mg/kg (Rabbit) (OECD TG 402)
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- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation**

Causes serious eye irritation.

- **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

- **Carcinogenicity** Based on available data, the classification criteria are not met.

- **Reproductive toxicity** Based on available data, the classification criteria are not met.

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

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

- **Aspiration hazard** Based on available data, the classification criteria are not met.

· 11.2 Information on other hazards**· Endocrine disrupting properties**

118-58-1	benzyl salicylate
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List II

SECTION 12: Ecological information**· 12.1 Toxicity****· Aquatic toxicity:****68131-39-5 Alcohols, C12-15, ethoxylated**

EC50 (48 h)	0.14 mg/l (Daphnia magna)
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ErC50 (72 h)	0.75 mg/l (algae)
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107-75-5 Hydroxycitronellal

EC50 (48 h)	410 mg/l (Daphnia magna)
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LC50 (96 h)	31.6 mg/l (fish)
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ErC50 (72 h)	123.3 mg/l (algae)
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104-54-1 Cinnamyl alcohol

EC50 (48 h)	20.15 mg/l (Daphnia magna)
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ErC50 (72 h)	44.66 mg/l (algae)
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106-22-9 Citronellol

EC50 (48 h)	17.48 mg/l (Daphnia magna)
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LC50 (96 h)	14.66 mg/l (fish)
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(Contd. on page 10)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 9)

103-95-7 3-p-cumenyl-2-methylpropionaldehyde

EC50 (48 h)	1.4 mg/l (Daphnia magna)
LC50 (96 h)	1.092 mg/l (fish)
ErC50 (72 h)	4.3 mg/l (algae)

118-58-1 benzyl salicylate

EC50 (48 h)	1.16 mg/l (Daphnia magna)
LC50 (96 h)	1.03 mg/l (fish)
ErC50 (72 h)	1.29 mg/l (algae)

120-51-4 Benzyl benzoate

EC50 (48 h)	3.09 mg/l (Daphnia magna)
LC50 (96 h)	2.32 mg/l (fish)
ErC50 (72 h)	0.475 mg/l (algae)

470-82-6 eucalyptol

EC50 (48 h)	>100 mg/l (Daphnia magna)
LC50 (96 h)	57 mg/l (fish)
ErC50 (72 h)	>74 mg/l (algae)

80-56-8 Pinene

EC50 (48 h)	0.475 mg/l (Daphnia magna) (OECD TG 202)
LC50 (96 h)	0.303 mg/l (Danio rerio) (OECD TG 203)

586-62-9 terpinolene

EC50 (48 h)	0.634 mg/l (Daphnia magna)
LC50 (96 h)	0.805 mg/l (fish)
ErC50 (72 h)	0.692 mg/l (algae)

106-24-1 Geraniol

EC50 (48 h)	10.8 mg/l (Daphnia magna)
LC50 (96 h)	22 mg/l (fish)
ErC50 (72 h)	13.1 mg/l (algae)

12.2 Persistence and degradability**68131-39-5 Alcohols, C12-15, ethoxylated**

Biological degradability	72 %
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106-22-9 Citronellol

Biological degradability	80-90 %
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118-58-1 benzyl salicylate

Biological degradability	93 %
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120-51-4 Benzyl benzoate

Biological degradability	94 %
--------------------------	------

470-82-6 eucalyptol

Biological degradability	82 %
--------------------------	------

80-56-8 Pinene

Biological degradability	68 % /28 d
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106-24-1 Geraniol

Biological degradability	90-100 %
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12.3 Bioaccumulative potential**68131-39-5 Alcohols, C12-15, ethoxylated**

Log Kow	5.06
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(Contd. on page 11)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 10)

107-75-5 Hydroxycitronellal	
Log Kow	1.68
106-22-9 Citronellol	
Log Kow	3.41
103-95-7 3-p-cumenyl-2-methylpropionaldehyde	
Log Kow	3.4
118-58-1 benzyl salicylate	
Log Kow	4
120-51-4 Benzyl benzoate	
Bioconcentration factor (BCF)	193.4
Log Kow	3.97
470-82-6 eucalyptol	
Log Kow	3.4
80-56-8 Pinene	
Log Kow	4.487
106-24-1 Geraniol	
Log Kow	2.6

- **12.4 Mobility in soil** No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties**

For information on endocrine disrupting properties see section 11.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

The waste code numbers mentioned are recommendations based on the probable use of the product.

Dispose as hazardous waste.

- **European waste catalogue**

02 01 07	wastes from forestry
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- **Uncleaned packagings:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Disposal must be made according to official regulations.

EU

(Contd. on page 12)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2023

Version number 3.0 (replaces version 2.0)

Revision: 26.01.2023

Trade name: Animalit

(Contd. of page 11)

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN number or ID number | |
| · ADR/RID/ADN, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | |
| · ADR/RID/ADN, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) | |
| · ADR/RID/ADN, ADN, IMDG, IATA | |
| · Class | Void |
| · 14.4 Packing group | |
| · ADR/RID/ADN, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**
- None of the ingredients is listed.
- **REGULATION (EU) 2019/1148**
- **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**
- None of the ingredients is listed.
- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
- None of the ingredients is listed.
- **Regulation (EC) No 273/2004 on drug precursors**
- None of the ingredients is listed.
- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
- None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.

(Contd. on page 13)

Safety data sheet

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(Contd. of page 12)

H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye 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.
 H413 May cause long lasting harmful effects to aquatic life.

· **Department issuing data specification sheet:**

This safety data sheet replaces the older version 1.

The safety data sheets were drawn up in cooperation with the Umweltkanzlei Dr.Rhein Beratungs- und Prüfgesellschaft mbH, Phone: +49 511 228514-0.

· **Version number of previous version: 2.0**

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

· *** Data compared to the previous version altered.**