

KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 21.10.2021
1.13	06.08.2024	100000006810	Date of first issue: 22.09.2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : KIMCARE® MICROMIST® Spring Breeze

Product code : 6893

Manufacturer or supplier's details

Company : Kimberly-Clark Australia Pty. Limited

Address : Level 4, 100 Arthur Street, North Sydney
Sydney, NSW
2060
Australia

Telephone : +61 1800-647-994

Emergency telephone number : 131126

Poison Center Name : Australia Poison Information Centre

Poison Center Telephone : 131126

Recommended use of the chemical and restrictions on use

Recommended use : Air Freshener

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Aerosols : Category 1

Skin corrosion/irritation : Category 2

Serious eye damage/eye irritation : Category 2A

Skin sensitisation : Category 1

Long-term (chronic) aquatic hazard : Category 2

GHS label elements

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Hazard pictograms



Signal word

: Danger

Hazard statements

: H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

: P102 Keep out of reach of children.
 P103 Read carefully and follow all instructions.

Prevention:

P211 Do not spray on an open flame or other ignition source.
 P251 Pressurized container: Do not pierce or burn, even after use.
 P280 Wear protective gloves.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.
 P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

Storage:

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Disposal:

Dispose of contents/container in accordance with local regulation.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	: Mixture
Chemical nature	: Mixture

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Components

Chemical name	CAS-No.	Concentration (% w/w)
Isobutane	75-28-5	>= 30 -< 60
Ethanol	64-17-5	>= 10 -< 30
Hexylene Glycol	107-41-5	< 10
benzyl salicylate	118-58-1	>= 1 -< 10
Linalool	78-70-6	>= 1 -< 10
Hydroxycitronellal	107-75-5	>= 1 -< 10
citronellol	106-22-9	< 1
eugenol	97-53-0	< 1
acetyl cedrene	32388-55-9	< 1
orange oil	8008-57-9	< 1
geraniol	106-24-1	< 1
nerol	106-25-2	< 1
Coumarin	91-64-5	< 1
HELIOTROPINE	120-57-0	< 1

SECTION 4. FIRST AID MEASURES

- General advice : Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air in case of accidental inhalation of vapours.
- In case of skin contact : Wash off with soap and plenty of water.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
If eye irritation persists, consult a specialist.
- If swallowed : Obtain medical attention.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Fire Hazard
- Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protection : Ensure adequate ventilation.

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tive equipment and emergency procedures : Remove all sources of ignition.

Environmental precautions : Prevent product from entering drains.

Methods and materials for containment and cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Clean contaminated surface thoroughly.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area.
Keep away from fire, sparks and heated surfaces.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Isobutane	75-28-5	STEL	1,000 ppm	ACGIH
Ethanol	64-17-5	TWA	1,000 ppm 1,880 mg/m ³	AU OEL
		STEL	1,000 ppm	ACGIH
Hexylene Glycol	107-41-5	Peak limit	25 ppm 121 mg/m ³	AU OEL
		C	25 ppm	ACGIH
orange oil	8008-57-9	TWA (Mist)	10 mg/m ³	AU OEL

Engineering measures : none

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Particulates type

Hand protection

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Remarks	:	Gloves
Eye protection	:	Safety glasses
Skin and body protection	:	Not required under normal use.
Protective measures	:	When using do not eat, drink or smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	colourless, light yellow
Odour	:	characteristic
Odour Threshold	:	No data available
pH	:	No data available
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	76 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Extremely flammable aerosol.
Upper explosion limit / Upper flammability limit	:	19 %(V)
Lower explosion limit / Lower flammability limit	:	1.8 %(V)
Vapour pressure	:	3.5 - 4.5 bar
Relative vapour density	:	No data available
Relative density	:	0.95
Density	:	0.952 g/cm ³
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity	:	
Viscosity, dynamic	:	No data available

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SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reactions : Hazardous polymerisation does not occur.
Conditions to avoid : Extremes of temperature and direct sunlight.
Heat, flames and sparks.
Incompatible materials : Incompatible with strong acids and bases.
Oxidizing agents
Hazardous decomposition products : No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Exposure routes : Inhalation

Acute toxicity**Components:****Isobutane:**

Acute inhalation toxicity : LC50 (Rat): 658 mg/l
Exposure time: 4 h

Ethanol:

Acute oral toxicity : LD50 (Rat, male and female): 10,470 mg/kg
Method: OECD Test Guideline 401
GLP: no

LD50 Oral (Rat): 7,060 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 124.7 mg/l
Test atmosphere: vapour
Method: OECD Test Guideline 403
GLP: no

Hexylene Glycol:

Acute oral toxicity : LD50 Oral (Rat): 3,700 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 310 mg/m³
Exposure time: 1 h

Acute dermal toxicity : LD50 Dermal (Rabbit): 12,300 mg/kg

benzyl salicylate:

Acute oral toxicity : LD50 Oral (Rat): 2,227 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5,000 mg/kg
Remarks: no deaths occurred

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Hydroxycitronellal:

Acute oral toxicity : LD50 Oral (Rat): > 5 g/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2,000 mg/kg

eugenol:

Acute oral toxicity : LD50 Oral (Rat): 1,930 mg/kg

acetyl cedrene:Acute oral toxicity : LD50 Oral (Rat, male and female): 4,500 mg/kg
Method: OECD Test Guideline 401
GLP: noAcute dermal toxicity : LD50 Dermal (Rabbit, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 402
GLP: no**geraniol:**

Acute oral toxicity : LD50 Oral (Rat): 3,600 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5 g/kg
Remarks: no deaths occurred**nerol:**

Acute oral toxicity : LD50 Oral (Rat): 4,500 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5 g/kg
Remarks: no deaths occurred**Coumarin:**

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 293 mg/kg
Method: No information available.
GLP: No information available.

Acute dermal toxicity : LD50 Dermal (Rat): > 2,000 mg/kg

HELIOTROPINE:

Acute oral toxicity : LD50 Oral (Rat): 2,700 mg/kg

Acute dermal toxicity : LD50 Dermal (Rat, male and female): > 5,000 mg/kg

Skin corrosion/irritation**Product:**

Remarks : May irritate skin.

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Components:**Ethanol:**

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

Hexylene Glycol:

Species : Rabbit
Result : Skin irritation

benzyl salicylate:

Species : Rabbit
Method : OECD Test Guideline 404
Result : No skin irritation
GLP : yes

Hydroxycitronellal:

Species : Rabbit
Result : Mild skin irritation

eugenol:

Species : Rabbit
Result : No skin irritation
GLP : yes

acetyl cedrene:

Method : OECD Test Guideline 439
Result : No skin irritation
GLP : yes

geraniol:

Species : Rabbit
Method : OECD Test Guideline 404
Result : irritating
GLP : No information available.

Coumarin:

Species : Rabbit
Method : Directive 67/548/EEC, Annex V, B.4.
Result : No skin irritation
GLP : yes

HELIOTROPINE:

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Species : Guinea pig
Result : Mild skin irritation

Serious eye damage/eye irritation**Product:**

Remarks : May irritate eyes.

Components:**Ethanol:**

Species : Rabbit
Result : Irritation to eyes, reversing within 21 days
Method : OECD Test Guideline 405
GLP : no

Hexylene Glycol:

Species : Rabbit
Result : Mild eye irritation

benzyl salicylate:

Result : Eye irritation

Hydroxycitronellal:

Result : Mild eye irritation

eugenol:

Species : Rabbit
Result : Eye irritation

acetyl cedrene:

Species : Rabbit
Result : No eye irritation
Method : OECD Test Guideline 405
GLP : no

geraniol:

Species : Rabbit
Result : Risk of serious damage to eyes.
Method : OECD Test Guideline 405
GLP : No information available.

Coumarin:

Species : Rabbit
Result : No eye irritation
Method : OECD Test Guideline 405

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GLP : yes

HELIOTROPINE:

Species : Rabbit
Result : No eye irritation

Respiratory or skin sensitisation**Product:**

Remarks : May cause sensitisation of susceptible persons by skin contact.

Components:**Ethanol:**

Species : Mouse
Assessment : Does not cause skin sensitisation.
Method : OECD Test Guideline 429
Result : Did not cause sensitisation on laboratory animals.
GLP : no

Hexylene Glycol:

Species : Guinea pig
Assessment : Does not cause skin sensitisation.
Result : Did not cause sensitisation on laboratory animals.

benzyl salicylate:

Species : Mouse
Method : OECD Test Guideline 429
Result : The product is a skin sensitiser, sub-category 1B.
GLP : yes

Hydroxycitronellal:

Species : Guinea pig
Result : The product is a skin sensitiser, sub-category 1B.

citronellol:

Assessment : The product is a skin sensitiser, sub-category 1B.
Result : The product is a skin sensitiser, sub-category 1B.

eugenol:

Species : Mouse
Result : The product is a skin sensitiser, sub-category 1B.

acetyl cedrene:

Species : Mouse

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Method : OECD Test Guideline 429
Result : The product is a skin sensitiser, sub-category 1B.
GLP : yes

geraniol:

Species : Mouse
Method : OECD Test Guideline 429
Result : May cause sensitisation by skin contact.
GLP : No information available.

Coumarin:

Method : OECD Test Guideline 429
Result : May cause sensitisation by skin contact.
GLP : No information available.

HELIOTROPINE:

Species : Guinea pig
Result : The product is a skin sensitiser, sub-category 1B.

Chronic toxicity**Germ cell mutagenicity****Product:**

Germ cell mutagenicity - Assessment : No information available.

Components:**Isobutane:**

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen.

Carcinogenicity**Product:**

Carcinogenicity - Assessment : No information available.

Components:**Isobutane:**

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

Reproductive toxicity**Product:**

Reproductive toxicity - Assessment : No information available.

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STOT - single exposure**Product:**

Remarks : No data available

STOT - repeated exposure**Product:**

Remarks : No data available

Repeated dose toxicity**Components:****nerol:**

Species	: Rat, male and female
NOAEL	: 374 mg/kg
NOAEL	: 374 mg/kg
Application Route	: Oral
Exposure time	: 42 d
Number of exposures	: daily
Dose	: 191.2, 374 and 720 mg/kg bw/d
Control Group	: yes
Subsequent observation period	: 14 d
Method	: OECD Test Guideline 422
GLP	: yes
Symptoms	: Reduced body weight
Remarks	: See User Free Text

Aspiration toxicity**Product:**

No data available

Components:**orange oil:**

May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Isobutane:**

Toxicity to fish	: LC50: 27.98 mg/l
	Exposure time: 96 h

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Toxicity to daphnia and other aquatic invertebrates : EC50: 14.22 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50: 7.71 mg/l
Exposure time: 96 h

Ethanol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 100 mg/l
Exposure time: 96 h
Test Type: static test

LC50 (Pimephales promelas (fathead minnow)): 13,400 - 15,100 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia dubia (water flea)): 5,012 mg/l
Exposure time: 48 h
Test Type: static test

LC50 (Daphnia magna (Water flea)): 9,268 - 14,221 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 275 mg/l
Exposure time: 72 h
Test Type: static test

M-Factor (Acute aquatic toxicity) : 1

M-Factor (Chronic aquatic toxicity) : 2

Hexylene Glycol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 10,500 - 11,000 mg/l
Exposure time: 96 h
Test Type: flow-through test

LC50 (Lepomis macrochirus (Bluegill sunfish)): 10,000 mg/l
Exposure time: 96 h
Test Type: static test

LC50 (Pimephales promelas (fathead minnow)): 8,690 mg/l
Exposure time: 96 h
Test Type: flow-through test

LC50 (Pimephales promelas (fathead minnow)): 10,700 mg/l
Exposure time: 96 h
Test Type: static test

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 2,700 - 3,700 mg/l

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aquatic invertebrates Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50: > 429 mg/l
Exposure time: 72 h

benzyl salicylate:

Toxicity to fish : LC50 (Danio rerio): 1.03 mg/l
Exposure time: 96 h
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1.16 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 1.29 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes

Ecotoxicology Assessment

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Hydroxycitronellal:

Toxicity to fish : LC50: 31.6 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50: 410 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50: 123.3 mg/l
Exposure time: 72 h

eugenol:

Toxicity to fish : LC50 (Danio rerio): 13 mg/l
Exposure time: 96 h
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates : EC50: 1.05 mg/l
Exposure time: 48 h
GLP: yes

Toxicity to algae/aquatic plants : EC50: 24 mg/l
Exposure time: 72 h

NOEC: 10 mg/l
Exposure time: 48 h

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acetyl cedrene:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 2.3 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.86 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 2.8 mg/l
Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

orange oil:**Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

geraniol:

Toxicity to fish : LC50 (Danio rerio): 22 mg/l
Exposure time: 96 h
Test Type: static test
Remarks: approximately

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 10.8 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 13.1 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: yes

nerol:

Toxicity to fish : LC50 (Danio rerio): 20.3 mg/l
Exposure time: 96 h
Test Type: semi-static test

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Coumarin:

- Toxicity to fish : LC50: 2.94 mg/l
Exposure time: 96 h
Method: No information available.
GLP: No information available.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 24.3 - 36.9 mg/l
Exposure time: 48 h
Test Type: static test
Method: See User Free Text
GLP: yes
- Toxicity to algae/aquatic plants : EC50: 1.452 mg/l
Exposure time: 96 h
Method: No information available.
GLP: No information available.

Ecotoxicology Assessment

- Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

HELIOTROPINE:

- Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 2.5 mg/l
Exposure time: 96 h
Test Type: static test
- Toxicity to daphnia and other aquatic invertebrates : EC50: 52 mg/l
Exposure time: 48 h
- Toxicity to algae/aquatic plants : EC50: 31 mg/l
Exposure time: 72 h
- Toxicity to fish (Chronic toxicity) : NOEC: 1.6 mg/l
Exposure time: 96 h

Persistence and degradability**Components:****Isobutane:**

- Biodegradability : Result: Readily biodegradable.

Ethanol:

- Biodegradability : aerobic
Inoculum: activated sludge
Biodegradation: 97 %
Exposure time: 28 d
Remarks: Readily biodegradable, according to appropriate OECD test.

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Linalool:

Biodegradability : Result: Readily biodegradable.

Hydroxycitronellal:

Biodegradability : Result: Readily biodegradable.

citronellol:

Biodegradability : Result: Readily biodegradable.

eugenol:

Biodegradability : Result: Readily biodegradable.

geraniol:

Biodegradability : Result: Readily biodegradable.

nerol:

Biodegradability : Result: Readily biodegradable.

HELIOTROPINE:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential**Components:****Isobutane:**

Partition coefficient: n-octanol/water : log Pow: 2.76

Ethanol:

Bioaccumulation : Bioconcentration factor (BCF): 0.66
Remarks: No bioaccumulation is to be expected (log Pow <= 4).

Hexylene Glycol:

Partition coefficient: n-octanol/water : log Pow: < -0.14

benzyl salicylate:

Partition coefficient: n-octanol/water : log Pow: 4

Hydroxycitronellal:

Partition coefficient: n-octanol/water : log Pow: 2.11

citronellol:

Partition coefficient: n-octanol/water : log Pow: 3.55 (25 °C)

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octanol/water

eugenol:

Partition coefficient: n-octanol/water : log Pow: 1.83

acetyl cedrene:

Partition coefficient: n-octanol/water : log Pow: 5.6 - 5.9

orange oil:

Partition coefficient: n-octanol/water : log Pow: 2.78 - 4.88

geraniol:

Partition coefficient: n-octanol/water : log Pow: 3.56

nerol:

Partition coefficient: n-octanol/water : log Pow: 3.47

Coumarin:

Partition coefficient: n-octanol/water : log Pow: 1.39

HELIOTROPINE:

Partition coefficient: n-octanol/water : log Pow: 1.2

Mobility in soil**Components:****Ethanol:**

Stability in soil : Remarks: Not expected to adsorb on soil.

Other adverse effects**Components:****Ethanol:**

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of wastes in an approved waste disposal facility.
Contaminated packaging : Dispose of as unused product.

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SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

UN number : UN 1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : 2.1

IATA-DGR

UN/ID No. : UN 1950
 Proper shipping name : Aerosols, flammable
 Class : 2.1
 Packing group : Not assigned by regulation

IMDG-Code

UN number : UN 1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : Not assigned by regulation
 EmS Code : F-D, S-U
 Marine pollutant : yes

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

Not applicable for product as supplied.

National Regulations**ADG**

UN number : UN 1950
 Proper shipping name : AEROSOLS
 Class : 2.1
 Packing group : Not assigned by regulation
 Labels : 2.1

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Standard for the Uniform : Schedule 6
 Scheduling of Medicines and
 Poisons

Prohibition/Licensing Requirements : There is no applicable prohibition or

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notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

SECTION 16. OTHER INFORMATION

Revision Date : 06.08.2024
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Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

ACGIH / STEL : Short-term exposure limit
ACGIH / C : Ceiling limit
AU OEL / TWA : Exposure standard - time weighted average
AU OEL / Peak limit : Exposure standard - peak

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods;

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vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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