

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	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 : 100 Arthur Street, North Sydney  
Sydney  
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 : Spraying

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable aerosols : Category 1

Skin sensitisation : Category 1

Serious eye damage/eye irritation : Category 2A

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	100000006810	Date of first issue: 22.09.2016

### Precautionary statements

:

#### Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.

#### Response:

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.

#### Storage:

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

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Mixture

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	>= 10 -< 30
Oxydipropanol	25265-71-8	< 10
Hexylene Glycol	107-41-5	< 10
benzyl salicylate	118-58-1	< 10
Linalool	78-70-6	< 10
Hydroxycitronellal	107-75-5	< 10
citronellol	106-22-9	< 10
eugenol	97-53-0	< 10
acetyl cedrene	32388-55-9	< 10
geraniol	106-24-1	< 10
nerol	106-25-2	< 10
Coumarin	91-64-5	< 10
HELIOTROPINE	120-57-0	< 10

## SECTION 4. FIRST AID MEASURES

General advice : Never give anything by mouth to an unconscious person.

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

- If you feel unwell, seek medical advice (show the label where possible).
- If inhaled : Move to fresh air in case of accidental inhalation of vapours.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.  
Wash skin thoroughly with soap and water or use recognized skin cleanser.  
Wash contaminated clothing before reuse.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
If easy to do, remove contact lens, if worn.
- If swallowed : Rinse mouth.  
Do NOT induce vomiting.  
Obtain medical attention.
- Most important symptoms and effects, both acute and delayed : None known.

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Foam  
Water spray  
Sand  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : No special precautions required.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
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, protective equipment and emergency procedures : Not required under normal use.

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11      Revision Date: 25.08.2020      SDS Number: 100000006810      Date of last issue: 01.07.2020  
Date of first issue: 22.09.2016

- Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
- 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 : Normal measures for preventive fire protection.
- Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area.  
Keep away from fire, sparks and heated surfaces.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
Do not ingest.  
For personal protection see section 8.
- Hygiene measures : not required under normal use
- 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
Ethanol	64-17-5	TWA	1,000 ppm 1,880 mg/m <sup>3</sup>	AU OEL
		STEL	1,000 ppm	ACGIH
Hexylene Glycol	107-41-5	Peak limit	25 ppm 121 mg/m <sup>3</sup>	AU OEL
		C	25 ppm	ACGIH

Engineering measures : none

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

### 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	:	
Remarks	:	For prolonged or repeated contact use protective gloves.
Eye protection	:	Not required under normal use.
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	:	Not applicable
	:	Not applicable
	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	0.95
Density	:	0.952 g/cm <sup>3</sup>

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

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

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazards to be specially mentioned.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : None known.

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

##### Product:

Acute inhalation toxicity : Acute toxicity estimate: > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

##### Components:

##### **Oxydipropylalcohol:**

Acute oral toxicity : LD50 Oral (Rat): 14,850 mg/kg

Acute dermal toxicity : LD50 Dermal (Rabbit): CUST-LOLI.009899

##### **Hexylene Glycol:**

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

Acute inhalation toxicity : LC50 (Rat): > 310 mg/m<sup>3</sup>  
Exposure time: 1 h

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

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

**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: no

Acute 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

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	100000006810	Date of first issue: 22.09.2016

---

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

### Skin corrosion/irritation

#### Product:

Remarks : May irritate skin.

#### Components:

##### **Oxydipropanol:**

Species : Rabbit  
Method : Patch Test 24 Hrs.  
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.



# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	100000006810	Date of first issue: 22.09.2016

Result : No skin irritation  
GLP : yes

### HELIOTROPINE:

Species : Guinea pig  
Result : Mild skin irritation

### Serious eye damage/eye irritation

#### Product:

Remarks : May irritate eyes.

#### Components:

##### **Oxydipropanol:**

Species : Rabbit  
Result : No eye irritation  
GLP : yes

##### **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

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	100000006810	Date of first issue: 22.09.2016

Method : OECD Test Guideline 405  
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:

##### **Oxydipropanol:**

Test Type : Maximisation Test  
Species : Guinea pig  
Assessment : Does not cause skin sensitisation.  
Method : Maximisation Test  
Result : Did not cause sensitisation on laboratory animals.  
GLP : yes

##### **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  
Method : OECD Test Guideline 429

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

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 - : No information available.  
Assessment

### Carcinogenicity

#### Product:

Carcinogenicity - : No information available.  
Assessment

### Reproductive toxicity

#### Product:

Reproductive toxicity - : No information available.  
Assessment

### STOT - single exposure

#### Product:

Remarks : No data available

### STOT - repeated exposure

#### Product:

Remarks : No data available

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

### 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
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

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### **Oxydipropanol:**

Toxicity to fish	: LC50 ( <i>Oryzias latipes</i> (Japanese medaka)): > 1,000 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203 GLP: no
------------------	--

Toxicity to daphnia and other aquatic invertebrates	: EC50 ( <i>Daphnia magna</i> (Water flea)): > 100 mg/l Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 GLP: yes
---	---

Toxicity to algae	: EC50 ( <i>Desmodesmus subspicatus</i> (green algae)): > 100 mg/l Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 GLP: yes
-------------------	--

##### **Hexylene Glycol:**

Toxicity to fish	: LC50 ( <i>Pimephales promelas</i> (fathead minnow)): 10,500 - 11,000 mg/l
------------------	---

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

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 aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2,700 - 3,700 mg/l  
Exposure time: 48 h

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

### eugenol:

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

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 : EC50: 24 mg/l  
Exposure time: 72 h  
  
NOEC: 10 mg/l  
Exposure time: 48 h

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

### 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 : 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:

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

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

### 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 : 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 : 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:

##### Linalool:

Biodegradability : Result: Readily biodegradable.

##### Hydroxycitronellal:

Biodegradability : Result: Readily biodegradable.

##### citronellol:

Biodegradability : Result: Readily biodegradable.

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	100000006810	Date of first issue: 22.09.2016

### eugenol:

Biodegradability : Result: Readily biodegradable.

### geraniol:

Biodegradability : Result: Readily biodegradable.

### nerol:

Biodegradability : Result: Readily biodegradable.

### HELIOTROPINE:

Biodegradability : Result: Readily biodegradable.

### Bioaccumulative potential

#### Components:

#### Oxydipropanol:

Partition coefficient: n-octanol/water : log Pow: -0.462

#### 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)

#### eugenol:

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

#### acetyl cedrene:

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

#### geraniol:

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



# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version 1.11	Revision Date: 25.08.2020	SDS Number: 100000006810	Date of last issue: 01.07.2020 Date of first issue: 22.09.2016
-----------------	------------------------------	-----------------------------	---

### 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

No data available

### Other adverse effects

No data available

## 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.

## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

UN number : AEROSOLS  
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  
Marine pollutant : no

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	100000006810	Date of first issue: 22.09.2016

### 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 Scheduling of Medicines and Poisons	: Schedule 6
--	--------------

Prohibition/Licensing Requirements	: There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
------------------------------------	--

## SECTION 16. OTHER INFORMATION

Revision Date	: 25.08.2020
---------------	--------------

Date format	: dd.mm.yyyy
-------------	--------------

### 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

# SAFETY DATA SHEET



## KIMCARE® MICROMIST® Spring Breeze

Version	Revision Date:	SDS Number:	Date of last issue: 01.07.2020
1.11	25.08.2020	100000006810	Date of first issue: 22.09.2016

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; KECI - 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; 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.

AU / EN