

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

AQUA Spray Citronella

Creation date	09th September 2025	Revision no.	
Revision date		Version	1.0

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

1.1. Product identifier

Substance / mixture	AQUA Spray Citronella
Number	mixture
UFI	180-000292
Other mixture names	1TG2-C0V4-H00J-430Y
UFI: 1TG2-C0V4-H00J-430Y, AQUA SPRAY CITRONELLA	

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

The mixture is used as a filling for training collars.

Mixture's intended use

Mixture uses advised against

not available

1.3. Details of the supplier of the safety data sheet

Supplier

Name or trade name	VNT electronics s.r.o.
Address	Dvorská 605, Lanškroun, 56301
	Czech Republic
Identification number (CRN)	64793826
VAT number	CZ64793826
Phone	+420732622663
Email	vnte@vnte.cz
Web address	www.vnte.cz

Competent person responsible for the safety data sheet

Name	Pavel Horák
Email	info@ekoplant.cz

1.4. Emergency telephone number

Toxicological Information Center, Na Bojišti 1, 120 00 Praha 2, Czech Republic. Emergency Telephone: +420 224 91 92 93 or +420 224 91 54 02, www.tis-cz.cz

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aerosol 1, H222, H229
Skin Sens. 1B, H317
Eye Irrit. 2, H319
STOT SE 3, H336

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

trans-1,3,3,3-Tetrafluorpropene
propan-2-ol
Citronellal
MENTHA ARVENSIS

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.

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H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
Precautionary statements	
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing spray.
P271	Use only outdoors or in a well-ventilated area.
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.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

Label elements for packages not exceeding 125 ml

Hazard pictogram



Signal word

Danger

Hazardous substances

trans-1,3,3,3-Tetrafluorpropene
propan-2-ol
Citronellal
MENTHA ARVENSIS

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.

Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

2.3. Other hazards

not available

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 29118-24-9 EC: 471-480-0	trans-1,3,3,3-Tetrafluorpropene	85-95	Press. Gas (liquefied gas), H280	
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25	propan-2-ol	9-95	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	1
CAS: 106-23-0 EC: 203-376-6	Citronellal	0.5-7	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
CAS: 90063-97-1 EC: 290-058-5	MENTHA ARVENSIS	0.1-1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	

Notes

1 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

In any case, avoid chaotic behaviour. In case medical treatment is required, always take the original packaging with the label and, if available, the safety data sheet. In life-threatening conditions, first attempt resuscitation of the affected person and ensure medical assistance. If breathing stops – immediately start artificial respiration. If the heart stops – immediately perform indirect cardiac massage. If unconscious – place the affected person in the recovery position on their side. The situation must always be assessed with regard to the rescuer's safety and the safety of the casualty. Enter a contaminated area only if equipped with appropriate protection (self-contained breathing apparatus, mask with suitable filter, back-up by another worker, etc.). WARNING! In poorly ventilated areas, always assume contamination! When handling contaminated clothing or other objects, use appropriate personal protective equipment including gloves. First aid should not be carried out at the accident site if there is a risk of contamination of the rescuer.

If inhaled

If inhaled, move the affected person to fresh air. If irritation develops and persists, seek medical attention.

If on skin

Remove contaminated clothing and shoes. Wash affected skin with water and soap. If irritation occurs, seek medical advice.

If in eyes

If contact lenses are present, carefully remove them and start rinsing with clean water, keeping the affected eye wide open, from the inner to the outer corner and also under the eyelids for at least 15 minutes. If discomfort persists, seek medical attention.

If swallowed

Not expected. This is an aerosol spray. Keep the affected person calm and warm. Seek immediate medical attention and show the product label or this safety data sheet.

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

If inhaled

not available

If on skin

not available

If in eyes

not available

If swallowed

not available

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

Decontamination. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Firefighting measures should be adapted to surrounding conditions. Water mist, dry powder, foam, carbon dioxide (CO₂).

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

Combustion products and hazardous gases: smoke, carbon monoxide, carbon dioxide.

5.3. Advice for firefighters

Response teams exposed to smoke or vapours must be equipped with respiratory and eye protection. In confined spaces, use self-contained breathing apparatus. Cool containers exposed to fire with water spray. Collect extinguishing water separately and prevent it from entering watercourses and soil. Chemical protective clothing (EN 469).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, replace contaminated clothing. Avoid contact with skin and eyes, and contamination of clothing and footwear. Ensure ventilation of the affected area. Evacuate all persons not involved in emergency response to a safe distance.

6.2. Environmental precautions

Prevent release into the environment, avoid entry into surface water, sewers, subsoil and soil. In case of release into sewers or watercourses, immediately inform the operator, police, fire brigade, or the environmental authority.

6.3. Methods and material for containment and cleaning up

In case of leakage, contain and, if possible, pump out / mechanically remove the product. Sweep up or absorb residues or small amounts with suitable absorbent (universal absorbent, diatomaceous earth, soil, sand) and place in appropriate labelled containers for disposal in accordance with applicable regulations.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Use appropriate PPE. Use only in well-ventilated areas with a supply of fresh air or sufficient ventilation. Do not eat, drink, or smoke when working. Wash hands after work. Observe legal health and safety regulations.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original containers in a dry, cool, and well-ventilated place. Store upright to prevent leaks. Keep away from food, feed, and medicines. Do not store with: oxidising agents.

Storage class

2B - Aerosol dispensers and lighters

Storage temperature

25 °C

7.3. Specific end use(s)

see Section 1.2

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

United Kingdom

EH40/2005 Workplace exposure limits (Fourth Edition 2020)

Substance name (component)	Type	Value
propan-2-ol (CAS: 67-63-0)	WEL 8h	999 mg/m ³
	WEL 8h	400 ppm
	WEL 15min	1250 mg/m ³
	WEL 15min	500 ppm

8.2. Exposure controls

Technical measures and appropriate work practices take precedence over PPE. Observe general hygiene principles. Do not eat, drink, or smoke at work. Wash hands with warm water and soap before breaks and after work.

Eye/face protection

Safety glasses with side shields or face shield; eye and face protection for occupational use (EN ISO 16321-1).

Skin protection

Work clothing (EN ISO 13688) and footwear (EN ISO 20347 ED.2 and ISO 20345 ED.2). Protective clothing against liquid chemicals (EN 14605+A1). Protective clothing against chemicals (EN 943-1+A1/13982-1/13034+A1).

Glove material	Thickness	Breakthrough time	Class	Exposure time
Nitrile (NBR)	≥ 0.2 mm	>10 min	1	Short-term, Repeated

Respiratory protection

If exposure limits are exceeded, or in case of dust, mist, or aerosol formation, use a mask with an appropriate filter (type ABEK – EN 14387 – gas and combined filters; type P – EN 143 – particle filters; type FFP3 / FFP2 – EN 149+A1 – half masks for particles; EN 142 – face masks).

Thermal hazard

Containers may explode if overheated.

Environmental exposure controls

Prevent unnecessary release into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
physical state	liquid at 20 °C
form	aerosol dispenser: spray aerosol
color	data not available
Odour	containing alcohol
pH	7 (undiluted)
Melting point/freezing point	data not available
Initial boiling point and boiling range	-19 °C
Flash point	12 °C ((pro propan-2-ol))
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
explosive limits	
bottom	2 % ((pro propan-2-ol))
upper	12.7 % ((pro propan-2-ol))
Vapour pressure	data not available
propan-2-ol (CAS: 67-63-0)	43 hPa at 20 °C
Solubility(ies)	
solubility in water	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	
Kinematic viscosity	data not available

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Density 1.19 g/cm³ at 20 °C
propan-2-ol (CAS: 67-63-0) 0.79 g/cm³

9.2. Other information

VOC content: 92%
Solids content: No data available
Additional information on mixture components:
Propan-2-ol – boiling point 82–83 °C
Propan-2-ol – flash point 13 °C
propellant – ignition temperature >350 °C
propellant – flash point -80 °C
propellant – boiling point -40 to -10 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

Not expected under proper conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Follow handling and storage conditions as specified in Section 7.

10.5. Incompatible materials

Strong oxidising agents, strong acids, strong bases. Reaction with alkali metals.

10.6. Hazardous decomposition products

Halogenated compounds, carbon oxides, hydrogen fluoride, carbonyl halides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

trans -1,3,3,3-tetrafluorprop-1-en (EINECS: 471-480-0) propan-2-ol (CAS: 67-63-0) citronellal (CAS: 106-23-0) L-menthol (CAS: 2216-51-5)

Acute toxicity

The product does not meet the criteria for classification.

AQUA Spray Citronella							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Inhalation (gases)	LC ₅₀	OECD 403	>207000 ppm		Rat (Rattus norvegicus)		
Oral	LD ₅₀	OECD 401	2423 mg/kg bw		Rat (Rattus norvegicus)		Citronella I
Oral	LD ₅₀		2602 mg/kg bw		Rat (Rattus norvegicus)		L-menthol
Dermal	LD ₅₀	OECD 402	>5000 mg/kg bw		Rabbit		L-menthol
Inhalation (aerosols)		OECD 403	5289 mg/m ³ of air		Rat (Rattus norvegicus)		L-menthol

propan-2-ol							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Inhalation (vapor)	LC ₅₀	OECD 403	>10000 ppm	6 hours	Rat	F/M	

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Skin corrosion/irritation

The product does not meet the criteria for classification.

AQUA Spray Citronella

Route of exposure	Result	Method	Exposure time	Species	Source
Dermal	Not irritating	OECD 404		Rabbit	
Dermal	Irritating	OECD 404		Rabbit	L-menthol

Serious eye damage/irritation

Causes serious eye irritation.

AQUA Spray Citronella

Route of exposure	Result	Method	Exposure time	Species	Source
Eye	Irritating	OECD 405		Rabbit	L-menthol

propan-2-ol

Route of exposure	Result	Method	Exposure time	Species	Source
Eye	Serious eye damage	OECD 405		Rabbit	

Respiratory or skin sensitisation

May cause an allergic skin reaction.

AQUA Spray Citronella

Route of exposure	Result	Method	Exposure time	Species	Sex	Source
Dermal	Not sensitizing	OECD 429		Mouse		L-menthol

propan-2-ol

Route of exposure	Result	Method	Exposure time	Species	Sex	Source
	Not sensitizing			Guinea-pig	F/M	

Germ cell mutagenicity

The product does not meet the criteria for classification.

AQUA Spray Citronella

Result	Method	Exposure time	Specific target organ	Species	Sex	Source
Negative	OECD 474			Mouse		
Negative	OECD 476		Ovary	Chinese hamster (Cricetulus barabensis)	F	Citronella I
Negative	OECD 474			Mouse		L-menthol

propan-2-ol

Result	Method	Exposure time	Specific target organ	Species	Sex	Source
Negative without metabolic activation, Negative with metabolic activation			Ovary	Guinea-pig	F/M	

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Carcinogenicity

The product does not meet the criteria for classification.

AQUA Spray Citronella

Route of exposure	Parameter	Method	Value	Result	Species	Sex	Source
Oral	LOAEL	OECD 453	210 mg/kg bw/day		Rat (Rattus norvegicus)		Citronellal
Oral	NOAEL	OECD 453	100 mg/kg bw/day		Rat (Rattus norvegicus)		Citronellal

Reproductive toxicity

The product does not meet the criteria for classification.

AQUA Spray Citronella

Effect	Parameter	Method	Value	Result	Species	Sex	Source
	NOEL	OECD 416	>20000 ppm		Rat (Rattus norvegicus)		
	NOAEL		200 mg/kg bw/day				Citronellal
	NOAEL		375 mg/kg bw/day		Rat (Rattus norvegicus)		L-menthol

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

Toxicity for specific target organ - repeated exposure

The product does not meet the criteria for classification.

AQUA Spray Citronella

Route of exposure	Parameter	Method	Value	Result	Species	Sex	Source
Inhalation	NOEC	OECD 413	5000 ppm		Rat (Rattus norvegicus)		
Oral	LOAEL		745 mg/kg bw/day				Citronellal
Inhalation	NOAEC		34 ppm		Rat (Rattus norvegicus)		Citronellal
Inhalation	LOAEC		68 ppm		Rat (Rattus norvegicus)		Citronellal
Oral	NOAEL	OECD 453	>7500 ppm		Rat (Rattus norvegicus)		L-menthol
Oral	NOAEL	OECD 453	375 mg/kg bw/day		Rat (Rattus norvegicus)		L-menthol

propan-2-ol

Route of exposure	Parameter	Method	Value	Result	Species	Sex	Source
Inhalation (vapor)	NOEC		500 ppm		Rat (Rattus norvegicus)	F/M	

Aspiration hazard

The product does not meet the criteria for classification.

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SECTION 12: Ecological information

12.1. Toxicity

not available

Acute toxicity

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Parameter	Method	Value	Exposure time	Species	Environment	Source
LC ₀	OECD 203	117 mg/l	96 hours	Fish (Cyprinus carpio)		
EC ₅₀	OECD 202	>160 mg/l	48 hours	Invertebrates (Daphnia magna)		
NOEC	OECD 201	170 mg/l	72 hours	Algae (Pseudokirchneriella subcapitata)		
LC ₅₀	OECD 203	10000 mg/l	96 hours	Fish (Pimephales promelas)		Isopropanol
LC ₅₀	OECD 202	10000 mg/l	24 hours	Invertebrates (Daphnia magna)		Isopropanol
		1800 mg/l	7 days	Algae (Scenedesmus quadricauda)		Isopropanol
NOEC		10 mg/l	96 hours	Fish (Leuciscus idus)		Citronella
LC ₅₀		22 mg/l	96 hours	Fish (Leuciscus idus)		Citronella
EC ₀		3.1 mg/l	48 hours	Invertebrates (Daphnia magna)		Citronella
EC ₅₀		8.7 mg/l	48 hours	Invertebrates (Daphnia magna)		Citronella
EC ₁₀₀		25 mg/l	48 hours	Invertebrates (Daphnia magna)		Citronella
EC ₅₀		13.33 mg/l	72 hours	Algae (Desmodesmus subspicatus)		Citronella
EC ₁₀		4.52 mg/l	72 hours	Algae (Desmodesmus subspicatus)		Citronella
LC ₀		13.2 mg/l	96 hours	Fish (Danio rerio)		L-menthol
LC ₅₀		15.6 mg/l	96 hours	Fish (Danio rerio)		L-menthol
LC ₁₀₀		18.4 mg/l	96 hours	Fish (Danio rerio)		L-menthol
EC ₀	OECD 202	25 mg/l	24 hours	Invertebrates (Daphnia magna)		L-menthol
EC ₅₀	OECD 202	37.7 mg/l	24 hours	Invertebrates (Daphnia magna)		L-menthol
EC ₁₀₀	OECD 202	100 mg/l	24 hours	Invertebrates (Daphnia magna)		L-menthol
EC ₅₀	OECD 201	20 mg/l	72 hours	Algae (Desmodesmus subspicatus)		L-menthol
NOEC	OECD 201	9.65 mg/l	72 hours	Algae (Desmodesmus subspicatus)		L-menthol
LOEC	OECD 201	18.75 mg/l	72 hours	Algae (Desmodesmus subspicatus)		L-menthol

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propan-2-ol						
Parameter	Method	Value	Exposure time	Species	Environment	Source
EC ₅₀		>10000 mg/l	48 hours	Daphnia (Daphnia magna)		
LC ₅₀		9640 mg/l	96 hours	Fish	Fresh water	

More information

The product does not meet the criteria for classification.

12.2. Persistence and degradability

No data are available for the product.

Biodegradation: The biodegradability value of the component is provided in section 12.1.

Biodegradability

AQUA Spray Citronella					
Parameter	Value	Exposure time	Environment	Result	Source
				Easily biodegradable	Isopropanol
				Easily biodegradable	Citronellal
		72 hours		Easily biodegradable	L-menthol

12.3. Bioaccumulative potential

No data are available for the product.

log Kow / log Pow: The partition coefficient value of the component is provided in section 12.1.

Bioaccumulation: The bioaccumulation factor value of the component is provided in section 12.1.

AQUA Spray Citronella		
Parameter	Value	Source
	1015 l/kg	Isopropanol
Log Kow / log Pow	0.05	Isopropanol
	15	L-menthol

12.4. Mobility in soil

not available

12.5. Results of PBT and vPvB assessment

This product does not contain any substances assessed as PBT or vPvB at concentrations of 0.1% by weight or above.

12.6. Other adverse effects

not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

not available

Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Packaging waste type code

15 01 10* packaging containing residues of or contaminated by hazardous substances

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

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SECTION 14: Transport information

14.1. UN number

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

Additional information

Hazard identification No.

UN number

Classification code

Safety signs



5F

2.1



Road transport - ADR

Special provisions

190, 327, 344, 625

Limited quantities

1 L

Excepted quantities

E0

Packaging

Packing instructions

P207, LP200

Special packing provisions

PP87, RR6, L2

Mixed packing provisions

MP9

Transport category

2

Tunnel restriction code

(D)

Special provision for

packages

V14

loading, unloading and handling

CV9, CV12

operation

S2

Railway transport - RID

Special provisions

190, 327, 344, 625

Limited quantities

1l

Excepted quantities

E0

Packaging

Packing instructions

P207, LP200

Special packing provisions

PP87, RR6, L2

Mixed packing provisions

MP9

Transport category

2

Special provision for

packages

W14

loading, unloading and handling

CW9, CW12

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Air transport - ICAO/IATA

Packaging instructions for limited amount	Y203
Packaging instructions passenger	Forbidden
Cargo packaging instructions	203

Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
MFAG	620

SECTION 15: Regulatory information

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

Clean Air Act 1993 as amended. The Aerosol Dispensers (Amendment) Regulations 2018. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Public health act 1961. Environmental Protection Act 1990 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing spray.
P271	Use only outdoors or in a well-ventilated area.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other important information about human health protection

not available

Key to abbreviations and acronyms used in the safety data sheet

ADR	Agreement concerning the international carriage of dangerous goods by road
Aerosol	Aerosol
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
BCF	Bioconcentration Factor

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

AQUA Spray Citronella

Creation date	09th September 2025	Revision no.	
Revision date		Version	1.0

CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC ₀	Concentration of a substance when it is affected 0 % of the population
EC ₁₀	Concentration of a substance when it is affected 10 % of the population
EC ₁₀₀	Concentration of a substance when it is affected 100 % of the population
EC ₅₀	Concentration of a substance when it is affected 50 % of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EU	European Union
EuPCS	European Product Categorisation System
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₀	Lethal concentration of a substance in which it can be expected death of 0% of the population
LC ₁₀₀	Lethal concentration of a substance in which it can be expected death of 100% of the population
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
Press. Gas	Gases under pressure
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

Training guidelines

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

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not available

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

