



PIGAL s.r.l.

Revision nr. 3

Dated 26/11/2018

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Vespajet ANTIVESPE E CALABRONI schiuma

Safety Data Sheet

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

1.1. Product identifier

Code: **C00264.-04098**
Product name: **Vespajet ANTIVESPE E CALABRONI schiuma**

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

Intended use: **Insecticide aerosol for domestic and civil use.**

1.3. Details of the supplier of the safety data sheet

Name: **PIGAL S.R.L. A SOCIO UNICO**
Full address: **Via G. Rossa, 2**
District and Country: **40053 VALSAMOGGIA - Crespellano (BO) ITALIA**
Tel. +39 051969068
Fax +39 051969353

e-mail address of the competent person

responsible for the Safety Data Sheet: **health.safety@pigal.it; pigalab@pigal.it**

1.4. Emergency telephone number

For urgent inquiries refer to: **+39 051969068 ore ufficio/office hours (8.30-13; 14-17.30)**
118 (contattare il centro antiveneni più vicino)/please contact your near local poison control center

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Aerosol, category 1	H222 H229	Extremely flammable aerosol. Pressurised container: may burst if heated.
Skin irritation, category 2	H315	Causes skin irritation.
Hazardous to the aquatic environment, chronic toxicity, category 1	H410	Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:

Vespajet ANTIVESPE E CALABRONI schiuma


Signal words:
Hazard statements:

Danger

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated.
H315 Causes skin irritation.
H410 Very toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains: PERMETRINE
May produce an allergic reaction.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
P501 Dispose of the product / container according to national regulations in force.
P102 Keep out of reach of children.
P211 Do not spray on an open flame or other ignition source.
P280 Wear protective gloves / eye protection / face protection.
P101 If medical advice is needed, have product container or label at hand.
P103 Read label before use.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P391 Collect spillage.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
PROPANE		
CAS 74-98-6	37,5 ≤ x < 40	Flam. Gas 1 H220, Press. Gas H280, Classification note according to Annex VI to the CLP Regulation: U
EC 200-827-9		
INDEX 601-003-00-5		
Reg. no. 01-2119486944-21		
Hydrocarbons C4		
CAS 87741-01-3	35 ≤ x < 37,5	Flam. Gas 1 H220, Press. Gas H280, Classification note according to Annex VI to the CLP Regulation: K U
EC 289-339-5		
INDEX -		
Reg. no. 01-2119480480-41		

Vespajet ANTIVESPE E CALABRONI schiuma
**Hydrocarbons C9-11 n-alkanes,
iso-alkanes, cyclic, <2% aromatic.**

CAS - 4,5 ≤ x < 5 Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066

EC 919-857-5

INDEX -

Reg. no. 01-2119463258-33

PIPERONIL BUTOXIDE

CAS 51-03-6 1 ≤ x < 1,5 Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

EC 200-076-7

Reg. no. 01-2119537431-46

**Disodium (tetrapropenyl)
succinate**

CAS 94086-60-9 0,45 ≤ x < 0,5 Eye Irrit. 2 H319, Skin Irrit. 2 H315

EC 301-848-7

INDEX -

Reg. no. -

Sodium N-lauroylsarcosinate

CAS 137-16-6 0,45 ≤ x < 0,5 Acute Tox. 2 H330, Eye Dam. 1 H318, Skin Irrit. 2 H315

EC 205-281-5

INDEX -

Reg. no. 01-2119527780-39

PERMETRINE

CAS 52645-53-1 0,4 ≤ x < 0,45 Acute Tox. 4 H302, Acute Tox. 4 H332, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100, Aquatic Chronic 1 H410 M=100

EC 258-067-9

INDEX 613-058-00-2

Tetramethrin

CAS 7696-12-0 0,25 ≤ x < 0,3 Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

EC 231-771-6

INDEX -

Reg. no. 01-2119480433-40

The full wording of hazard (H) phrases is given in section 16 of the sheet.

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

Percentage of propellants: 73,40 %

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

Vespajet ANTIVESPE E CALABRONI schiuma**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms of poisoning may appear after several hours, so health surveillance may be required within 48 hours of the accident.

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

Information not available

SECTION 5. Firefighting measures**5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. The water is not effective to extinguish the fire, however it can be used to cool the closed containers exposed to the flame preventing fires and explosions.

5.2. Special hazards arising from the substance or mixture**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

5.3. Advice for firefighters**GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

6.2. Environmental precautions

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

DEU Deutschland TRGS 900 (Fassung 31.1.2018 ber.) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte
TLV-ACGIH ACGIH 2018

Hydrocarbons C4

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
MAK	DEU	2400	1000		
TLV-ACGIH			1000		

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers			Chronic systemic	Effects on workers			Chronic systemic
	Acute local	Acute systemic	Chronic local		Acute local	Acute systemic	Chronic local	
Inhalation				0,0064 mg/m3				2,21 mg/m3
Skin								23,4 mg/kg

Hydrocarbons C9-11 n-alkanes, iso-alkanes, cyclic, <2% aromatic.

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
TLV-ACGIH		1200	197		

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers			Chronic systemic	Effects on workers			Chronic systemic
	Acute local	Acute systemic	Chronic local		Acute local	Acute systemic	Chronic local	
Oral				125 mg/kg bw/d				
Inhalation				185 mg/m3				8710 mg/m3
Skin				125 mg/kg bw/d				208 mg/kg bw/d

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PIPERONIL BUTOXIDE

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,003	mg/l
Normal value in marine water	0,0003	mg/l
Normal value for fresh water sediment	0,0194	mg/kg
Normal value for marine water sediment	0,00194	mg/kg
Normal value for water, intermittent release	0,0003	mg/l
Normal value for the terrestrial compartment	0,136	mg/kg

Sodium N-lauroylsarcosinate

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,0297	mg/l
Normal value in marine water	0,003	mg/l
Normal value for fresh water sediment	0,034	mg/kg
Normal value for marine water sediment	0,0034	mg/kg
Normal value for water, intermittent release	0,297	mg/l
Normal value of STP microorganisms	10	mg/l
Normal value for the terrestrial compartment	0,012	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral			VND	10 mg/kg bw/d				
Inhalation			VND	17,39 mg/m3			VND	70,53 mg/m3
Skin			VND	10 mg/kg bw/d			VND	20 mg/kg bw/d

PERMETRINE

AOEL (short-term) AELACUTE (Operator Exposure): 0,5 mg/kg bw/day

AOEL /AELMEDIUM: 0,05 mg/kg bw/day

AELLong-term: 0,05 mg/kg bw/day

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Use protective gloves resistant to chemicals (EN 374).

SKIN PROTECTION



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Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type A filter should be worn (see standard EN 14387).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	aerosol
Colour	colourless
Odour	characteristic
Odour threshold	Not available
pH	Not available
Melting point / freezing point	Not available
Initial boiling point	-41 °C
Boiling range	Not available
Flash point	-60 °C
Evaporation Rate	Not available
Flammability of solids and gases	flammable gas
Lower inflammability limit	1,8 % (V/V)
Upper inflammability limit	9,5 % (V/V)
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	43 hPa
Vapour density	Not available
Relative density	0,77 ÷ 0,79
Solubility	parzialmente miscibile in acqua
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	> 287 °C
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	not applicable
Oxidising properties	Not available

Vespajet ANTIVESPE E CALABRONI schiuma**9.2. Other information**

VOC (Directive 2010/75/EC) : 77,90 % - 607,62 g/litre

VOC (volatile carbon) : 0

Can pressure: 6,0 bar after filling at 20°C

SECTION 10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

Avoid overheating.

10.5. Incompatible materials

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information**11.1. Information on toxicological effects**Metabolism, toxicokinetics, mechanism of action and other information**PERMETRINE**

It works by blocking the opening of the sodium membrane channels, causing an increase in the sodium flow inside the cell, keeping it in a state of hyper-excitability.

Information on likely routes of exposure**Hydrocarbons C4**

The substance can be absorbed into the body by inhalation. In case of loss, the liquid evaporates very quickly, replacing the air and causing a serious risk of asphyxiation in closed rooms. Rapid evaporation of the liquid may cause frostbite.

Hydrocarbons C9-11 n-alkanes, iso-alkanes, cyclic, <2% aromatic.

The substance can be absorbed into the body by inhalation of its vapor and by ingestion.

Delayed and immediate effects as well as chronic effects from short and long-term exposure



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Hydrocarbons C4

INHALATION - Drowsiness. State of unconsciousness.

The substance can cause effects on the central nervous system.

Hydrocarbons C9-11 n-alkanes, iso-alkanes, cyclic, <2% aromatic.

REPEATED / LONG TERM EXPOSURE: degreaser for the skin.

SHORT-TERM EXPOSURE: the vapor is slightly irritating to the eyes. The substance may have effects on the central nervous system. Exposure to high concentrations of vapor can lead to unconsciousness.

INHALATION - Vertigo. Headache. Drowsiness. Nausea. State of unconsciousness.

INGESTION - Cough. Diarrhea. Sore throat. He retched. (Also see Inhalation).

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:

> 20 mg/l

LD50 (Oral) of the mixture:

Not classified (no significant component)

LD50 (Dermal) of the mixture:

Not classified (no significant component)

PROPANE

LD50 (Oral) > 2000 mg/kg

LD50 (Dermal) > 2000 mg/kg

LC50 (Inhalation) > 5 mg/l/4 h

PERMETRINE

LD50 (Oral) > 2000 mg/kg Rat

LD50 (Dermal) > 2000 mg/kg Rat

LC50 (Inhalation) 0,45 mg/l Rat

PIPERONIL BUTOXIDE

LD50 (Oral) 4750 mg/kg Rat

LD50 (Dermal) > 2000 mg/kg Rabbit

LC50 (Inhalation) > 5,9 mg/l Rat (4h)

Tetramethrin

LD50 (Oral) > 2000 mg/kg Rat

LD50 (Dermal) > 2000 mg/kg Rat

LC50 (Inhalation) > 5,63 mg/l/4h Rat



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Hydrocarbons C9-11 n-alkanes, iso-alkanes, cyclic, <2% aromatic.

LD50 (Oral) 5000 mg/kg Rat

LD50 (Dermal) 2000 mg/kg Rat

LC50 (Inhalation) 5000 mg/l/4h Rat

Sodium N-lauroylsarcosinate

LD50 (Oral) 2000 mg/kg Rat

LC50 (Inhalation) 1 mg/l/4h Rat

Disodium (tetrapropenyl) succinate

LD50 (Oral) > 5000 mg/kg Rat

SKIN CORROSION / IRRITATION

Causes skin irritation

Hydrocarbons C9-11 n-alkanes, iso-alkanes, cyclic, <2% aromatic.

Dryness.

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

Hydrocarbons C9-11 n-alkanes, iso-alkanes, cyclic, <2% aromatic.

Redness.

RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Vespajet ANTIVESPE E CALABRONI schiumaSTOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

Hydrocarbons C9-11 n-alkanes, iso-alkanes, cyclic, <2% aromatic.
If the liquid is ingested, aspiration into the lungs can lead to chemical pneumonitis.

SECTION 12. Ecological information

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment.

12.1. Toxicity

Sodium N-lauroylsarcosinate

LC50 (fish)> 1 mg / l

EC50 (Daphnia)> 1 mg / l

EC50 (algae)> 1 mg / l

Hydrocarbons C4

LC50 - for Fish

19 mg/l/96h

EC50 - for Crustacea

14,22 mg/l/48h daphnia magna

EC50 - for Algae / Aquatic Plants

7,7 mg/l/72h

PERMETRINE

LC50 - for Fish

0,0089 mg/l/96h Poecilia reticulata

EC50 - for Crustacea

0,32 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants

> 0,011 mg/l/72h Scenedesmus subspicatus

Chronic NOEC for Crustacea

4,7 mg/l Daphnia magna - Reproduction

PIPERONIL BUTOXIDE

LC50 - for Fish

3,94 mg/l/96h Cyprinodon variegatus

EC50 - for Crustacea

0,51 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants

3,89 mg/l/72h Selenastrum capricornutum

Chronic NOEC for Crustacea

0,03 mg/l Daphnia magna

Tetramethrin

LC50 - for Fish

0,033 mg/l/96h Brachydanio rerio

EC50 - for Crustacea

0,47 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants

1,36 mg/l/72h Scenedesmus subspicatus

Chronic NOEC for Algae / Aquatic Plants

0,72 mg/l Scenedesmus subspicatus

Hydrocarbons C9-11 n-alkanes, iso-alkanes,
cyclic, <2% aromatic.

LC50 - for Fish

> 1000 mg/l/96h Oncorhynchus mykiss

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EC50 - for Crustacea

1000 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants

> 1000 mg/l/72h Pseudokirchnerella subcapitata,

12.2. Persistence and degradability

Sodium N-lauroylsarcosinate

Conforms to biodegradability criteria established by Reg. 648/2004 / EC

PERMETRINE

The isomeric mixtures of Permethrin are generally not persistent in the environment.

PIPERONIL BUTOXIDE

NOT rapidly degradable

Tetramethrin

NOT rapidly degradable

12.3. Bioaccumulative potential

PROPANE

Partition coefficient: n-octanol/water

2,86

BCF

13

PERMETRINE

BCF

> 290

PIPERONIL BUTOXIDE

Partition coefficient: n-octanol/water

> 4,8 (pH 6,5)

BCF

> 91

Tetramethrin

Partition coefficient: n-octanol/water

> 4,09

12.4. Mobility in soilPROPANE - Volatility (Henry) = $7,164E + 4 \text{ Pa} \cdot \text{m}^3/\text{mol}$; Surface tension = $7,02E-3 \text{ N/m}$ (25 °C)

PIPERONIL BUTOXIDE

Low mobility.

PROPANE

Partition coefficient: soil/water

460 mg/l

PERMETRINE

Partition coefficient: soil/water

26930 l/kg

Tetramethrin

Partition coefficient: soil/water

> 3,3

Vespajet ANTIVESPE E CALABRONI schiuma**12.5. Results of PBT and vPvB assessment**

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

For non-professional use, the completely empty container can be eliminated with household waste according to the local regulations in force for separate waste collection.

The correct disposal code (determined by the generation of the waste) can not be specified by the manufacturer in the case of products used in various sectors.

CER code (recommended): 16 05 04.

15 01 04 (metal packaging) in the event that the containers are completely emptied of the contents.

Regulation (EU) 1357/2014: Flammable HP3, HP4 Irritant, HP 14 Ecotoxic.

SECTION 14. Transport information**14.1. UN number**

ADR / RID, IMDG, 1950
IATA:

14.2. UN proper shipping name

ADR / RID: AEROSOLS
IMDG: AEROSOLS MIXTURE
IATA: AEROSOLS, FLAMMABLE MIXTURE

14.3. Transport hazard class(es)

ADR / RID: Class: 2 Label: 2.1

IMDG: Class: 2 Label: 2.1

IATA: Class: 2 Label: 2.1

**14.4. Packing group**

ADR / RID, IMDG, -
IATA:

Vespajet ANTIVESPE E CALABRONI schiuma
14.5. Environmental hazards

ADR / RID: Environmentally Hazardous

IMDG: Marine Pollutant

IATA: NO



For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

14.6. Special precautions for user

ADR / RID: HIN - Kemler: --

Limited Quantities: 1 L

Tunnel restriction code: (D)

Special Provision: -

IMDG: EMS: F-D, S-U

Limited Quantities: 1 L

IATA: Cargo:

Maximum quantity: 150 Kg

Packaging instructions: 203

Pass.:

Maximum quantity: 75 Kg

Packaging instructions: 203

Special Instructions:

A145, A167, A802

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

Information not relevant

SECTION 15. Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EC: 9i.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 40

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

PERMETRINE

Vespajet ANTIVESPE E CALABRONI schiumaSubstances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Gas 1	Flammable gas, category 1
Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
Flam. Liq. 3	Flammable liquid, category 3
Press. Gas	Pressurised gas
Acute Tox. 2	Acute toxicity, category 2
Acute Tox. 4	Acute toxicity, category 4
Asp. Tox. 1	Aspiration hazard, category 1
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1	Skin sensitization, category 1
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may burst if heated.
H330	Fatal if inhaled.
H302	Harmful if swallowed.
H332	Harmful if inhaled.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

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Vespajet ANTIVESPE E CALABRONI schiuma

- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 04 / 05 / 08 / 09 / 11 / 12 / 15 / 16.