

Summary of product characteristics for a biocidal product family

Family name: PREDATOR JUNIOR. PROTECTOR COOL

Product type(s): PT19 - Repellents and attractants (Pest control)

Authorisation number: CZ-0031370-0000

R4BP 3 asset reference number: CZ-0031370-0000

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Part I.- First information level

1. Administrative information

1.1. Family name

PREDATOR JUNIOR. PROTECTOR COOL

1.2. Product type(s)

PT19 - Repellents and attractants (Pest control)

1.3. Authorisation holder

Name and address of the authorisation holder

Name	Leroy Cosmetics s.r.o.
Address	Nejdecká 600 61944 Lednice Czech Republic

Authorisation number

CZ-0031370-0000

R4BP 3 asset reference number

CZ-0031370-0000

Date of the authorisation

08/11/2023

Expiry date of the authorisation

08/11/2033

1.4. Manufacturer(s) of the biocidal products

Name of the manufacturer

Leroy cosmetics s.r.o

Address of the manufacturer

Nejdecká 600 69144 Lednice Czech Republic

Location of manufacturing sites

Nejdecká 600 69144 Lednice Czech Republic

1.5. Manufacturer(s) of the active substance(s)

Active substance	1320 - Ethyl butylacetylaminopropionate
Name of the manufacturer	Merck KGaA
Address of the manufacturer	Frankfurterstrasse 250, F129/004 64293 Darmstadt Germany
Location of manufacturing sites	Frankfurterstrasse 250, F129/004 64293 Darmstadt Germany

2. Product family composition and formulation

2.1. Qualitative and quantitative information on the composition of the family

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Ethyl butylacetylaminopropionate		Active Substance	52304-36-6	257-835-0	15 - 20
Ethyl alcohol	ethanol	Non-active substance	64-17-5	200-578-6	30,59 - 30,59
Water	water	Non-active substance	7732-18-5	231-791-2	10 - 15
Isobutane		Non-active substance	75-28-5	200-857-2	30 - 30
Butane		Non-active substance	106-97-8	203-448-7	3 - 3
Propane		Non-active substance	74-98-6	200-827-9	6 - 6
menthol		Non-active substance	89-78-1	201-939-0	0,4 - 0,4
Denatonium benzoate	phenylmethyl-[2- [(2,6-dimethylphenyl)amino]-2-oxoethyl]-diethylammonium benzoate	Non-active substance	3734-33-6	223-095-2	0,01 - 0,01

2.2. Type(s) of formulation

AE - Aerosol dispenser

Part II.- Second information level - meta SPC(s)

1. Meta SPC administrative information

1.1. Meta SPC identifier

meta SPC

1.2. Suffix to the authorisation number

1-1

1.3 Product type(s)

PT19 - Repellents and attractants (Pest control)

2. Meta SPC composition

2.1. Qualitative and quantitative information on the composition of the meta SPC

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Ethyl butylacetylaminopropionate		Active Substance	52304-36-6	257-835-0	15 - 20
Ethyl alcohol	ethanol	Non-active substance	64-17-5	200-578-6	30,59 - 30,95
Water	water	Non-active substance	7732-18-5	231-791-2	10 - 15
Isobutane		Non-active substance	75-28-5	200-857-2	30 - 30
Butane		Non-active substance	106-97-8	203-448-7	3 - 3
Propane		Non-active substance	74-98-6	200-827-9	6 - 6
menthol		Non-active substance	89-78-1	201-939-0	0,4 - 0,4
Denatonium benzoate	phenylmethyl-[2-[(2,6-dimethylphenyl)amino]-2-oxoethyl]-diethylammonium benzoate	Non-active substance	3734-33-6	223-095-2	0,01 - 0,01

2.2. Type(s) of formulation of the meta SPC

Formulation(s)

AE - Aerosol dispenser

3. Hazard and precautionary statements of the meta SPC

Hazard statements

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated
Causes serious eye irritation.

Precautionary statements

Keep out of reach of children.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. -
No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Do not breathe spray.
Avoid release to the environment.
Protect from sunlight. Do not expose at temperatures exceeding 50 °C/122 °F.
Dispose of contents to waste collection point.
Dispose of container to waste collection point.

4. Authorised use(s) of the meta SPC

4.1 Use description

Use 1 - Application on skin and clothing

Product type

PT19 - Repellents and attractants (Pest control)

Where relevant, an exact description of the authorised use

Application on skin and clothing from a distance 20-30 cm.

Target organism(s) (including development stage)

Scientific name: Culicidae:
Common name: Mosquitoes
Development stage: Adults

Scientific name: Ixodidae:
Common name: Ticks
Development stage: Adults

	<p>Scientific name: Ixodidae: Common name: Ticks Development stage: Nymphs</p>
Field(s) of use	<p>Indoor</p> <p>Outdoor</p> <p>Indoor and outdoor</p>
Application method(s)	<p>Method: Open system: spray treatment Detailed description: Application on skin and clothing from a distance 20-30 cm.</p>
Application rate(s) and frequencies	<p>Application Rate: 0.5 g of the product per cm² of skin Dilution (%): 100 Number and timing of application:</p> <p>Protector Cool (20% of the active substance): This product can be used once per day with the dosing of 7.31 g, 4.05 g and 2.99 g in adults, children from 6-12 years old and children from 2-6 years old, respectively. Effective as a repellent against mosquitoes and ticks with complete protection time of 6 hours at the above application rates of the product (one gram/one second)</p> <p>Predator Junior (15% of the active substance): This product can be used once per day with the dosing of 7.61 g, 4.21 g, 3.11 g, 2.19 g and 1.88 g in adults, children from 6-12 years old, children from 2-6 years old, toddlers (1-2 years old) and infants (6 months to 1 year old). Effective as a repellent against house mosquitoes and ticks with complete protection time of 4 hours, at the application rates of the product (one gram/one second)</p>
Category(ies) of users	<p>General public (non-professional)</p>
Pack sizes and packaging material	<p>Aerosol can, Metal: 150 ml</p> <p>pressured aluminium bottle with sprayer and safety cap</p> <p>safety cap</p>

4.1.1 Use-specific instructions for use

See General directions for use

4.1.2 Use-specific risk mitigation measures

See General directions for use

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See General directions for use

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See General directions for use

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See General directions for use

5. General directions for use of the meta SPC

5.1. Instructions for use

The product can be applied directly onto the uncovered human skin from a distance of about 20-30 cm. Over face and neck, the product should be spread by hand. For children do not apply the product directly on hands.

5.2. Risk mitigation measures

Spray only in a direction away from your face.
Do not inhale.
The product can be applied directly onto the uncovered human skin from a distance of about 20-30 cm.
Over the face and neck, the product should be spread by hand.
Do not apply on sunburnt or damaged skin and near eyes and lips. For children, do not apply the product directly on hands.
Do not allow this product to reach aquatic environments, the sewer system or the ground. In case of bigger releases inform the authorities.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

First aid measures: In case of unconsciousness, place the affected person into the recovery position, with the head slightly tilted backward. Make sure air passages are unhindered, never intentionally induce vomiting. If the affected person vomits, make sure they do not aspire vomit.

Inhalation: Remove patient to fresh air and ensure quiet and comfort for body. Do not let the patient get cold. If the problems do not recede, seek medical assistance/advice.

Eye contact: Flush with plenty of pure water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for 10 minutes. In case of persistent inflammation, seek medical advice.

Swallowing: Rinse mouth with water provided the affected person is conscious. Do not induce vomiting; instantly seek medical help.

Person-related safety precautions: Prevent contact with source of ignition (fire, unshielded electrical bulbs). Ensure sufficient ventilation and prevent inhalation of gaseous products. Use protective equipment, in case of fire use protective clothing and self contained breathing apparatus.

Measures for environmental protection: Prevent from spreading or entering into the sewers, drains, ditches, streams or rivers. In case of bigger releases, inform the authorities.

Measures for cleaning/collecting: If possible, gather the spilled material together. Use a suitable sorbent to absorb the material (i.e., inert powdered material such as sand or lime). Place the spent sorbent in a suitable container for recovery or destroying according to the regional legislation.

5.4. Instructions for safe disposal of the product and its packaging

The product, its packaging and material contaminated with the product, must be disposed of as hazardous waste by passing to the licensed waste disposal site.
EWC: 20 01 19* Pesticides

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Store the product in tightly closed original containers in upright position. Keep container closed when not in use. Store in a cool, dry and well-ventilated area away from incompatible substances (strongly oxidative agents), high temperature and sources of ignition. Keep away from food, drink, fresh water and feed. Storage temperature is from 0 to 30°C. Keep out of reach of children. No smoking. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.

Shelf-life: four and a half years

6. Other information

7. Third information level: individual products in the meta SPC

7.1 Trade name(s), authorisation number and specific composition of each individual product

Trade name(s)	Predator Junior	Market area: CZ
Authorisation number <small>(R4BP 3 asset reference number - National Authorisation)</small>	CZ-0031370-0001 1-1	

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Ethyl butylacetylaminopropionate		Active Substance	52304-36-6	257-835-0	15
Ethyl alcohol	ethanol	Non-active substance	64-17-5	200-578-6	30,59
Water	water	Non-active substance	7732-18-5	231-791-2	15
Isobutane		Non-active substance	75-28-5	200-857-2	30
Butane		Non-active substance	106-97-8	203-448-7	3
Propane		Non-active substance	74-98-6	200-827-9	6
menthol		Non-active substance	89-78-1	201-939-0	0,4
Denatonium benzoate	phenylmethyl-[2- [(2,6-dimethylphenyl)amino]-2-oxoethyl]-diethylammonium benzoate	Non-active substance	3734-33-6	223-095-2	0,01

Trade name(s)	Protector Cool	Market area: CZ
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Authorisation number

(R4BP 3 asset reference number - National Authorisation)

CZ-0031370-0002 1-1

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Ethyl butylacetylaminopropionate		Active Substance	52304-36-6	257-835-0	20
Ethyl alcohol	ethanol	Non-active substance	64-17-5	200-578-6	30,59
Water	water	Non-active substance	7732-18-5	231-791-2	10
Isobutane		Non-active substance	75-28-5	200-857-2	30
Butane		Non-active substance	106-97-8	203-448-7	3
Propane		Non-active substance	74-98-6	200-827-9	6
menthol		Non-active substance	89-78-1	201-939-0	0,4
Denatonium benzoate	phenylmethyl-[2- [(2,6-dimethylphenyl)amino]-2-oxoethyl]-diethylammonium benzoate	Non-active substance	3734-33-6	223-095-2	0,01