

## SAFETY DATA SHEET

### Protect® PLUS mosquito coil

Date: 06.12.2017.

Version: 1

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#### 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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1.1 Product identifier: Protect® Plus mosquito coil

1.2. Relevant identified uses of the substance or mixture and uses advised against: To be used outdoor for repel or kill mosquitoes.

Uses advised against: use in accordance with the label, other application is forbidden

1.3. Details of the supplier of the safety data sheet

Bábolna Környezetbiológiai Központ Kft.

Adress: H-1107 Budapest, Szállás u. 6.

Tel.: (36-1) 432-0400

Fax.: (36-1) 432-0401

e-mail: [info@babolna-bio.com](mailto:info@babolna-bio.com)

Producer: Yanco Limited

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Estuary Commerce Park

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United Kingdom

Telefon: + 44 151 494 4488

Fax: + 44 151 494 4499

Email: [enquiries@yanco.co.uk](mailto:enquiries@yanco.co.uk)

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1. 4. Emergency call:: (+36-1) 432-0400 in working hours

ETTSZ: (+36-80) 201-199 (HU)

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#### 2. HAZARDS IDENTIFICATION

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2.1. Classification of the substance or mixture:

Classification according the 1272/2008/EC ( CLP regulation):

Hazardous to the aquatic environment: Aquatic Chronic 3.

2.2. Label elements:

Hazard pictogram: None

Warning: None

H412 Harmful to aquatic life with long lasting effects.

P102 Keep out of reach of children.

P103 Read label before use.

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P501 Dispose of contents/container according to the directions for use.

### 2.3. Other risks

According to Annex XIII, the mixture does not match the criteria of either persistent/bioaccumulative/toxic (pbt) or very persistent / very bioaccumulative (vPvB)

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	%	EK number	CAS number	REACH Registration number	Classification according to 1272/2008/EK Dir.	
					Danger class code of category	Hazard statement
Prallethrin	0,04	245-387-9	23031-36-9	not subject to registration	Acute Tox. 3; Acute Tox. 4 Aquatic Chronic 1 Aquatic Acute 1 M=10	H331 H302 H410 H400

The full text of hazard statements are under the 16<sup>th</sup> point.

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### 4.1.1.

Skin contact: Wash immediately with plenty of soap and water.  
 Eye contact: Bath the eye with running water for 15 minutes.  
 Ingestion: Accidental ingestion of this product is unlikely. Wash out mouth with water.  
 Inhalation: Avoid inhalation of smoke from product when in use. Move to fresh air in case of accidental inhalation of vapours.

4.1.2. The contaminated clothes can be washed out with a normal washing program. Personal protective clothes are not required during first aid measures. When entering a smoke-filled area, it is recommended for the first aider to wear self-contained breathing apparatus.

### 4.2. Most important symptoms and effects:

Skin contact: There may be mild irritation at the site of contact.  
 Eye contact: There may be irritation and redness.  
 Ingestion: There may be irritation of the throat.  
 Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.  
 Delayed / immediate effects: No data available.

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

Immediate / special treatment: Get medical attention if feel unwell.

## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media:

Suitable extinguishing media: dry chemical powder, carbon dioxide, foam, water. Use water jet to cool containers.

Unsuitable extinguishing media: not known.

5.2. Special hazards arising from the substance or mixture: Decomposes on heat, toxic gases containing carbon monoxide may form.

5.3. Advice for fire-fighters: wear self-contained breathing apparatus and usual protective clothes.

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## 6. ACCIDENTAL RELEASE MEASURES

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6.1. Personal safety, protective equipment, emergency methods:

Protective clothes, gloves

6.2. Environmental precautions:

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Safe handling: Refer to section 7 of SDS

Disposal: Refer to section 13 of SDS.

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## 7. HANDLING AND STORAGE

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7.1. Precautions for safe handling: Ensure there is sufficient ventilation of the area! Read the instruction of use before using! Keep its directions!

7.2.. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep out of reach of children. Store in a cool, well ventilated area. Keep away from direct sunlight, heat, flames, other sources of ignition and strong oxidising agents.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

No special requirement. As per Use of instruction.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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8.1. Control parameters

Workplace exposure limits: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: No special requirements under normal conditions of use.

Hand protection: No special requirements under normal conditions of use.

Eye protection: No special requirements under normal conditions of use.

Skin protection: No special requirements under normal conditions of use.

Environmental: No special requirement.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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9.1. physical and chemical properties

State: Solid

Colour: Brown

Odour: Barely perceptible odour

Evaporation rate: Not applicable.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Not applicable.

Boiling point/range°C: Not applicable.

Melting point/range°C: Not applicable.

Flammability limits %: lower: Not applicable. upper: Not applicable.

Flash point°C: <23

Part.coeff. n-octanol/water: Not applicable.

Autoflammability°C: No data available.

Vapour pressure: Not applicable.

Relative density: Not applicable.

pH: Not applicable.

## 9.2. Other information

Other information: No data available.

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## 10. STABILITY AND REACTIVITY

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### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions. Slowly burning after ignition, with simultaneous smoke production.

### 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Heat. Flames.

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

In combustion emits toxic fumes.

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## 11. TOXICITY

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### 11.1 Information on toxicological effects: no experimental data for mixture

Hazardous ingredients:

PRALLETHRIN

DERMAL RAT LD<sub>50</sub> >2000 mg/kg

ORAL RAT LD<sub>50</sub>= 460 mg/kg

VAPOURS RAT 4h LC<sub>50</sub> >0.465 mg/kg

(b) skin corrosion/irritation: non skin irritation mixture based on relevant information, mild irritation can be occurred

(c) serious eye damage/irritation: mild eye irritation

- (d) respiratory or skin sensitisation: not classified
- (e) germ cell mutagenicity: not classified
- (f) carcinogenicity: not classified
- (g) reproductive toxicity: not classified
- (h) STOT-single exposure: not classified
- (i) STOT-repeated exposure: not classified
- (j) aspiration hazard: NA

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## 12. ECOLOGICAL INFORMATION

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### 12.1. Toxicity:

Ecotoxicity: No data available for the mixture.

#### Hazardous ingredients:

#### PRALLETHRIN

Daphnia magna 48h EC<sub>50</sub> 0.019 mg/l

Scenedesmus Subspicatus 72h ErC50 4.9 mg/l

ZEBRAFISH (Brachydanio rerio) 96h LC50 0.0176 mg/l

M=10

12.2. Persistence and degradability: No data available.

12.3. Bioaccumulative potential : No data available.

12.4. Mobility in soil: Insoluble in water.

#### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms

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## 13. DISPOSAL CONSIDERATION

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13.1. Waste treatment methods: The residue of product and its container in small quantity can be throw into the domestic waste container, in large quantity dispose it as dangerous waste. Prevent contamination of environment

Waste code number: 20 01 19

Recommended method of disposal: incineration.

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## 14. TRANSPORT INFORMATION

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NON DANGEROUS GOODS

14.1 UN number:-

14.2 UN proper shipping name:-

14.3 Transport hazard class(es):-

14.4 Packing group:-

14.5 Environmental hazards:-

14.6 Special precautions for user:-

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

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### 15. REGULATORY INFORMATION

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

Decree No. 25/2000 on chemical safety at work.

Decree of European Parliament 1907/2006/EK Regulation concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

1272/2008/EC Regulation on classification, labelling and packaging of substances and mixtures.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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### 16. OTHER INFORMATION

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Danger classes listed under point 3:

Aquatic Acut 1 Acut water toxicity – Category 1

Aquatic Chronic 1 Chronic water toxicity – Category 1

Acut Tox. 3 Acut toxicity (inhalation) – Category 3

Acut Tox. 4 Acut toxicity (mouth) – Category 4

Full text of hazard statement code under point 3:

H302: Harmful if swallowed.

H331: Toxic if inhaled.

H410: Very toxic to aquatic life with long lasting effects.

Prepared on the basis of the producer's SDS.

*End of safety data sheet*