Chemical & Agricultural Industry, research s.a.

Safety Data Sheet

NATGUARD clip 4VP

According to Annex II of the Regulation 1907/2006 EC as amended by the Regulation No 453/2010EC and the Regulation (EC) 2015/830

Revision: 1-02-2017

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Identification of the product

Designation –Description	Insect repellent plastic device, used as porte cles or mounted on a fixed / mobile point.
Trade name	**NATGUARD clip 4VP**

1.2 Use of the product

Product use	Portable insect repellent, against mosquitoes midges, and flies with Eucalyptus citriodora oil

1.3 Company details

VIORYL S.A.	Telephone No.	+30 22950 45100
28th km Athens-Lamia Nat. Road	Telefax No.	+30 22950 45250
190 14 AFIDNES GREECE	Email	agrochemical@vioryl.gr

1.4 Emergency telephone number: Poisoning center +30 210 7793777

2. HAZARDS IDENTIFICATION

2.1 Classification

Classification in accordance with the regulation 1272/2008/EC. Not classified as dangerous material.

2.2 Labeling

According to Regulation (EC) 1272/2008:

P Phrases:
P102: Keep out of reach of children.
P103: Read label before use.
P501: Dispose of contents/container in accordance with applicable local, regional, national, and/or international regulations
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Environmental impact

There is no risk to environment when the product is used according to the label instructions. After use discard the plastic device in appropriate containers for plastic reuse or common waste.

2.4 Other

Fire ,heating and detonation: The product is not self-combustible but can support combustion. When strongly heated melts and decomposes giving off toxic fumes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Nature of ingredients and concentration

COMPOSITION:	% w/w	EC classification Reg.1272/2008/EC
Eucalyptus citriodora oil hydrated cyclised (EC Oil (H/C)), Cas no 1245629-80-4	4	WARNING, GHS04 Eye irrit. Category 2, H319

4. FIRST-AID MEASURES

The product is safe for human and animals when used according to the label instructions.
Skin Contact: In case of any skin sensitivity wash the affected area with soap and water.
Eye Contact: May cause substantial but temporary eye injury. Do not get in eyes.
Flush/irrigate eye with copious amounts of water for at least 10 minutes. Obtain medical attention if eyes irritation persists.
Oral contact: In case someone chews material of the plastic disc wash mouth adequately. Obtain medical attention if irritation occurs.
Long-term effects: No adverse effects are known.

5. FIRE-FIGHTING MEASURES

5.1 If product is not directly involved in the fire

Use the best means available to extinguish the fire.

5.2 If the product is involved in the fire

Prevent any contamination of the product with combustible materials. When involved in a fire and exposed to extremely high temperatures, the components of this product can decompose to produce irritating vapors and toxic gases (e.g. ammonia, carbon monoxide and dioxide). Use CO2, foam and dry substances to eliminate fire. Do not use water in direct contact.

6. ACCIDENTAL RELEASE MEASURES

Remove product packing materials, collect and place in a clean-labeled open container for safe disposal.

7. HANDLING AND STORAGE

7.1 Handling

Avoid contamination of food and drink by the product.

7.2 Storage

Keep away from sources of heat or fire and combustible materials.
Any building used for the storage should be dry and well ventilated.
Store under room conditions and avoid wide variation in temperature.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Occupational exposure limits

No specific official limits.

8.2 Precautionary and engineering measures

Provide adequate ventilation while handling the product.

8.3 Personal Protection

Eye protection: Safety glasses (EN166).
In case of prolonged contact with the product wear protective gloves (EN174)
After using the product observe good hygiene practice.
Wash hands after coming in contact with the product for prolonged periods.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Plastic repellent disk / leaf shape, impregnated with plant aromatic oils and provided with Karabiner
Odor	herbal
Flash point	Not applicable
Explosive properties	Not applicable
Oxidizing properties	Not classed as an oxidizing material

10. STABILITY AND REACTIVITY

10.1 Stability

The product is stable under normal conditions of storage, handling and use.

10.2 Conditions to avoid

Heating above 80°C (decomposes).
Contamination by incompatible materials
Closeness to sources of heat or fire.

10.3 Materials to avoid

Non known

10.4 Hazardous reactions/Decomposition Products

When strongly heated, it melts and decomposes releasing fumes.

11. TOXICOLOGICAL INFORMATION

11.1 General

See Section 3.1.

11.2 Toxicity Data

Information on the active ingredient:
Oil of lemon eucalyptus Eucalyptus citriodora:
Oral LD50 2408 mg/Kg (rat)
Dermal LD50 >2000 mg/kg (rat)
Skin corrosion: non-irritant
Respiratory or skin sensitization, guinea pig: non-sensitizing

12. ECOLOGICAL INFORMATION

12.1 Mobility

No data available. However there is no risk of soil contact as the aromatic oils are volatile and the product use secures from soil contamination. Do not allow product to reach groundwater.

12.2 Persistence/Degradability

The active substance is readily biodegradable.

12.3 Bio-accumulation

The active substance is not expected to accumulate in living organisms.

12.4 Ecotoxicity

The product has specific use and is discarded in common waste/recycling containers after use. Does not involve and affect terrestrial and aquatic animal or plant life.
Substance name: Eucalyptus citriodora oil hydrated, cyclized (EC oil)
Fish acute LC50 96h> 35 mg/L
Daphnia acute EC50 48h: 26mg/L
Algae acute EC50 72h: 37mg/L

13. DISPOSAL CONSIDERATIONS

13.1 General

Dispose of to plastic recycling facilities.

14. TRANSPORT INFORMATION

14.1 Land transport ADR/RID

ADR/RID Class: 0
Danger code (Kemler):
UN number: Not regulated
Packaging group: --

14.2 Maritime transport IMDG

IMDG Class: 0
UN number: Not regulated
Packaging group: --
EMS number:
Segregation groups: --

14.3 Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class: 0
UN number: Not regulated
Packaging group: --

15. REGULATORY INFORMATION

15.1 EC Directives

Classification in accordance with the Regulation 1272/2008/EC.

16. OTHER INFORMATION

According to the criteria of the Regulation 1272/2008/EC the symbols and risk numbers mentioned in the paragraph 3.1. are provided by the following statements:
H319 - Causes serious eye irritation

The information in this Safety Data Sheet is given in good faith and belief in its accuracy based on our knowledge of the substance/preparation concerned at the date of publication. It does not imply the acceptance of any legal liability or responsibility whatsoever by the Company for the consequences of its use or misuse in any particular circumstances.

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