



Chemical & Agricultural Industry, research s.a.

Material Safety Data Sheet

REPELKITO 6VP

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Identification of the product

Designation –Description	Insect repellent bracelet
Trade name	REPELKITO 6VP

1.2 Use of the product

Product use	Insect repellent plastic bracelet with oil of Eucalyptus citriodora (>64% mixture of cis- and trans-p-menthane-3,8 diol).
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1.3 Company details

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

1.4 **Emergency telephone number:** +30 22950 45100,
Poisoning center +30 210 7793777

2. HAZARDS IDENTIFICATION

2.1 Classification

Classification in accordance with the Directives 67/548 EC and 1999/45 EC as amended and the regulation 1272/2008/EC. Not classified as dangerous material.

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

P102 Keep out of reach of children.

P103 Read label before use

P501 Dispose of contents/container in recycling facilities

P305+P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.2 Environmental impact

There is no risk of environment disturbance from the use of the product. After use discharge the plastic bracelet in appropriate containers for plastic reuse or common waste containers.

2.3 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	EU classification Directives 67/548EC and 1999/45EC	Reg.1272/2008/EC
Oil of lemon eucalyptus (<i>Eucalyptus citriodora</i>), >64% mixture cis- and trans-pmenthane-3,8-diol. Cas no 42822-86-6 Consists of polyethylene PE –TPE	6	Xi, R36	GHS07, Eye irrit. Category 2, H319

4. FIRST-AID MEASURES

The product is safe when used according to the 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 polyethylene bracelet nausea and vomiting may occur. Wash mouth adequately. Obtain medical attention if the plastic has been chewed.

Inhalation: There is no risk of prolonged inhalation.

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 component 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, sweep up and place in a clean-labeled open container for safe disposal.

7. HANDLING AND STORAGE

7.1 Handling

Avoid breathing of the aromatic vapors extensively while approaching in the nose.

When worn on body place only on the wrist or ankle foot.

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

Avoid unnecessary exposure to vapors. Provide adequate ventilation while handling the product.

Wash hands after coming in contact with the product for prolonged periods.

8.3 Personal Protection

After using the product observe good hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Plastic bracelet, colored, impregnated with plant oils

Odor herbal

Flash point Not applicable

Explosive properties Not applicable

Oxidizing properties Not classed as an oxidizing material according to Directive 88/379/EC.

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 Eucalyptus citriodora, >64% mixture cis- and trans-pmenthane-3,8-diol.

LD50 (oral/rat) >2000mg/Kg body weight.

12. ECOLOGICAL INFORMATION

12.1 Mobility

There is no risk of soil contact as the aromatic oils are volatile and the product use secures from soil contamination.

12.2 Persistence/Degradability

There are no data available for persistence of the plant oils in the soil and water resources. Avoid soil contamination with the product. Do not discharge the product in the irrigation canals and natural water reserves.

12.3 Bio-accumulation

The product accumulates if discharged in the environment. Plastic material does not degrade by soil microorganisms.

12.4 Ecotoxicity

The product has specific use and is discarded in common waste containers after use. Does not involve and affect terrestrial and aquatic animal or plant life.

13. DISPOSAL CONSIDERATIONS

13.1 General

Dispose of to plastic recycling facilities.

14. TRANSPORT INFORMATION

14.1 UN classification

Considered non-hazardous material according to the UN Orange Book and following international transport codes: IATA(air transport), RID (rail), ADR (road) and IMDG (sea).

15. REGULATORY INFORMATION

15.1 EC Directives

Classification in accordance with the Directives 67/548EC and 1999/45EC as amended and the Regulation 1272/2008/EC.

16. OTHER INFORMATION

According to the criteria of the Directives 67/548EC and 1999/45EC and the Regulation 1272/2008/EC the symbols and risk numbers mentioned in the paragraph 3.1., are provided by the following statements:

Xi - Irritant

R36 - Irritating to eyes

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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