

SAFETY DATA SHEET

INSECT REPELLENT PATCHES

Date: 25/11/2024 - Version No 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: INSECT REPELLENT PATCHES

UFI No: R200-U0CW-6008-QXKQ

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

Use of the mixture: Insect repellent patch for use on human skin.

Use advised against: Not for children below 3 months.

1.3 Details of the supplier of the safety data sheet

Supplier: Camo Brands Ltd
Unit 1, 27 Ackmar Road
London, SW64UR

Telephone: +44 (0) 7882219289

Email: contact@camoprotect.com

1.4 Emergency telephone number

Camo Brands Ltd: +44 (0) 7882219289 (Monday-Friday, office working hours 9 am - 5 pm)

Irish National Poison Centre: 01 809 2166

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP).

Eye Irritant 2, H319

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP).

Signal words: Warning

Pictograms:



GHS07

Hazards statements: H319: Causes serious eye irritation.

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

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

P337+P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

This product contains no PBT/vPvB substances above 0,1% in accordance with REACH Annex XIII.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

The product is a mixture.

3.2 Mixtures

Substance name	CAS No	EC No	REACH status	Classification according to CLP	Conc. (%)
Eucalyptus citriodora oil, hydrated, cyclised (EC oil (H/C))	1245629-80-4	Not applicable	Exempt*	Eye Irrit. 2, H319	15%

For the full text of the H-Statements mentioned in this Section, see Section 16.

* The substance is exempt from REACH registration as it is already registered under the Biocidal Product Regulation No 528/2012.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General measures: If you feel unwell, seek medical advice. Have product container or label at hand.

After inhalation: First aid not anticipated under normal use. Take the person into the open air.

After ingestion: Rinse mouth thoroughly with water. Seek medical advice to determine if vomiting is recommended or not.

After skin contact: First aid not anticipated under normal use. In case of skin reaction or irritation, take off bracelet. Wash exposed skin with water and soap.

After eye contact: Immediately rinse eyes cautiously with water for at least 15 minutes while keeping the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist if irritation persists.

4.2 Most important symptoms and effects, both acute and delayed

Eyes: May cause irritation, tears, redness, swelling.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Clear water point and eyewash station recommended at the workplace.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: any – foam, dry powder, carbon dioxide, water, sand.

Unsuitable extinguishing media: none known.

5.2 Special hazards arising from substance or mixture

In case of fire, do not breath fumes. Decomposition products may include CO and CO₂. The bracelet will melt at high temperature (> 250°C).

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5.3 Advice for firefighters

Firefighting instructions: exercise caution when fighting any fire. Prevent human exposure to fire, fumes, smoke, and products of combustion.

Protection during firefighting: do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment as per Section 8.

6.2 Environmental precautions

Avoid release into the environment.

6.3 Methods and material for containment and cleaning up

Sweep up or shovel. Dispose according to local regulations.

6.4 Reference to other sections

See sections 7, 8, 12 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear personal protective equipment as per Section 8. Avoid contact with eyes. Wash hands with mild soap and water before eating, drinking, or smoking.

7.2 Conditions for safe storage including any incompatibilities

Keep in original packaging tightly closed. Store in dry place at temperature not exceeding 35°C. Keep away from direct sunlight. Keep away from heat. Keep out of reach of children.

Recommended packaging: same type as original packaging.

Unsuitable packaging: none known.

7.3 Specific end use(s)

Refer to section 1.2 and product label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

There are no known National Occupational Exposure limits (OEL) for the substances in this product.

8.2 Exposure controls

8.2.1 Appropriate Engineering Control Measures:

None required under normal conditions of use.

8.2.2 Individual protection measures, such as personal protective equipment

Hand protection: Not required. For industrial handling, wear gloves (any type).

Eye protection: Not required.

Skin, body protection: Not required.

Respiratory protection: Not required. Normal room ventilation.

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Thermal hazards: See sections 6 and 7.

Hygiene measures: For industrial handling, handle in accordance with good industrial hygiene and safety practice.

8.2.3 Environmental exposure controls

Do not discard into the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	Green
Odour	Citrus odour
Melting point/freezing point	No data available
Boiling point/initial boiling point/boiling range	No data available. EC oil (H/C): 267 °C at 103630 Pa ²
Flammability	Non flammable
Lower and upper explosion limit	Not applicable
Flash point	No applicable. EC oil (H/C): 92 °C
Autoignition temperature	No applicable. EC oil (H/C): >200 °C
Decomposition temperature	No applicable. EC oil (H/C): >150 °C
pH	Not available. EC oil (H/C): 8.6
Kinematic viscosity	Not applicable. EC oil (H/C): 244 mm ² /s
Solubility	Not soluble in water
Partition coefficient: n-octanol/water (log value)	No applicable. EC oil (H/C): log pow 1.9 ²
Vapour pressure	Not applicable. EC oil (H/C): 0.0638 Pa at 25 °C
Density and/or relative density	Not available. EC oil (H/C): 0.942 g/mL at 40 °C.
Relative vapour density	Not applicable
Particle characteristics	Not applicable (the solid is an article)

9.2 Other information

No other information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No reactivity expected under normal handling and storage conditions recommended in section 7.

10.2 Chemical stability

Considered stable under normal handling and storage conditions recommended in section 7.

10.3 Possibility of hazardous reactions

Under handling and storage conditions recommended in section 7, no hazardous reaction.

10.4 Conditions to avoid

None under recommended storage and handling conditions recommended in section 7.

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10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

Under handling and storage conditions recommended in section 7, no hazardous decomposition products. See section 5 for combustion products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute Toxicity: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.
EC oil (H/C):
LD50 (oral, rat) mg/kg: > 2000 OECD 401.
LD50 (dermal, rat) mg/kg: > 2000 OECD 402.
LC50 (inhalation) mg/l/4h: 10.4 (calculated).

Skin Corrosion/Irritation: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.
EC oil (H/C): mild irritant to rabbit skin OECD 404.

Serious Eye Damage/Irritation: No experimental test data available for the mixture.
Based on available data, causes serious eye irritation.
EC oil (H/C): moderate irritant to rabbit eyes OECD 405.

Respiratory or Skin Sensitization: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.
EC oil (H/C): sensitisation (guinea pig) - negative OECD 406.

Germ Cell Mutagenicity: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.
EC oil (H/C): no evidence of genotoxicity OECD 471, OECD 473, OECD 474

Carcinogenicity: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.

Reproductive Toxicity: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.
EC oil (H/C): no evidence of reproductive effects OPPTS 870.3800

STOT-Single Exposure: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.

STOT-Repeated Exposure: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.

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Aspiration Hazard: No experimental test data available for the mixture.
Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties: the mixture does not contain substances considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No experimental test data available for the mixture. Based on available data, the classification criteria are not met.

EC oil (H/C):

Toxicity - Aquatic invertebrates EC50 (Daphnia magna): >26mg/L (48 hours) OECD 202.

NOELR_{repro} (Daphnia magna, 21 days): 4.00 mg/L OECD 211

LOELR_{repro} (Daphnia magna, 21 days): 10.00 mg/L OECD 211

Toxicity - Fish LC50 (fish): > 35 mg/L (96 hours) (Danio rerio) OECD 203.

Toxicity - Algae IC50 (algae): > 37 mg/L (72 hours) (Pseudokirchneriella) OECD 201.

12.2 Persistence and degradability

No information available.

EC oil (H/C): readily biodegradable OECD 301F.

12.3 Bioaccumulative potential

No information available.

EC oil (H/C): low potential for bioaccumulation.

12.4 Mobility in soil

Not applicable to mixtures.

12.5 Results of PBT and vPvB assessment

Not applicable to mixtures. No PBT/vPvB substances in the mixture.

12.6 Endocrine disrupting properties

The mixture does not contain substances considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose in a safe manner in accordance with local/national regulations.

Unused packaging: discard according to the local regulations. Do not discharge product in sewage and drainage systems which lead to waterways.

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Contaminated packaging: waste product and worn-out packages must be discarded according to the local regulations as hazardous waste.

SECTION 14: TRANSPORT INFORMATION

This product is not classified as hazardous for transport.

14.1 UN Number or ID Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified.

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable to packaged products.

SECTION 15: REGULATORY INFORMATION

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

This Safety Data Sheet is provided in compliance with EU REACH Regulation (EC) No 1907/2006, as amended by Regulation (EU) 2020/878.

The bracelet is a biocidal product according to the Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products.

15.2 Chemical safety assessment

A chemical safety assessment has not been performed.

SECTION 16: OTHER INFORMATION

Key literature references and sources for data: supplier's SDS and ECHA C&L website. Calculation based on the hazards of the known components.

Abbreviation explanations:

- PBT: Persistent, Bioaccumulative and Toxic
- CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

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- vPvB: Very Persistent and Very Bioaccumulative
- Skin Irrit. 2: irritant to skin category 2

Full text of Hazard- and EU Hazard-statements:

- H319 Causes serious eye irritation.

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