

TENT & GEAR SOLARPROOF® (Concentrated Refill/Concentrate)

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

- 1.1. Product identifier:** TENT & GEAR SOLARPROOF®
(Concentrated Refill/Concentrate)
- Product code:** 3B
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:** Waterproofing emulsion
- 1.3. Details of the supplier of the safety data sheet:**
- Distributor:** Nikwax Ltd
Durgates Industrial Estate
Wadhurst
East Sussex
TN5 6DF
Great Britain
Tel: +44 (0) 1892 786400
Fax: +44 (0) 1892 783748
Email: info@nikwax.co.uk
- Manufacturer / supplier:** As above
- 1.4. Emergency telephone number:**
- NHS (National Health Service): 111
- Nikwax Ltd: +44 (0) 1892 786400 (08:30 - 17:30 GMT/BST)
- Emergency Action: In the event of a medical enquiry, please contact your doctor or local hospital accident and emergency department or the NHS enquiry service.

SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture:**
- Classification - Regulation (EC) No 1272/2008 (CLP):** Not applicable.
However, a safety data sheet is being supplied for it on request according to the requirements of Article 31(3) of Regulation (EC) No 1907/2006 (REACH).
- 2.2. Label elements:**
- Regulation (EC) No 1272/2008 (CLP):** Not applicable.
- 2.3. Other hazards:**
According to Regulation (EC) No 1907/2006, Annex XIII: this mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures:

	CAS No.	EC No.	REACH Registration No.	Classification - Regulation (EC) No 1272/2008 (CLP)	% w/w
Zirconium acetate	7585-20-8	231-492-7	01-2119978240-38	Eye Irrit. 2, H319; STOT SE 3, H335	< 5

The full text of the associated H-statements is given in SECTION 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

- Eye contact:** Wash with plenty of water / eyewash. If irritation persists, seek medical attention.
Skin contact: Wash with plenty of soap and water. If irritation persists, seek medical attention.
Inhalation: Move to fresh air.
Ingestion: Low toxicity by ingestion; may be harmful if ingested in quantity. Rinse mouth with water. Do not induce vomiting. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed:

The weak acidity of the undiluted product may cause irritation on contact with eyes.

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

Not determined.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

Mixture is non-combustible; use agent most appropriate to extinguish surrounding fire.

5.2. Special hazards arising from the substance or mixture:

None known.

5.3. Advice for firefighters:

No specialised equipment is required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

Avoid skin and eye contact. If released in large quantities ventilate the area to dispel residual vapours.

6.2. Environmental precautions:

Avoid bulk quantities of undiluted product entering fresh water drains.

6.3. Methods and material for containment and cleaning up:

Absorb with inert absorbent and dispose of in accordance with local authority regulations. Wash site of spillage with water and detergent.

6.4. Reference to other sections:

Not applicable.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling:

Avoid skin and eye contact. Handle in accordance with good hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities:

Store at normal ambient temperature. Product quality may be adversely affected if stored below 0 °C or for over 4 years.

7.3. Specific end use(s):

Not applicable.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters:

Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls.

Occupational exposure limit values:

Zirconium acetate (Zirconium compounds):

Source: EH40

LTEL (8-hour TWA): 5 mg/m³

STEL (15-minute): 10 mg/m³

Biological limit values:

None known.

8.2. Exposure controls:

Engineering controls:

Not applicable.

Respiratory protection:

Protective equipment is not required provided a level of adequate ventilation is present.

Hand protection:

Wear suitable safety gloves if risk assessment shows frequent contact with the product is possible.

Skin protection:

Not applicable.

Eye protection:

Eye goggles should be considered if risk assessment shows exposure to eyes is possible.

Environmental exposure controls:

Not applicable. See SECTION 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance:	Pale yellow liquid.
Odour:	Vinegary smell.
Odour threshold:	Not applicable.
pH:	4.3
Melting point / freezing point:	-2 °C
Initial boiling point and boiling range:	100 °C
Flash point (°C):	Not applicable (mixture with no physical hazards).
Evaporation rate:	Not determined, consider as water.
Flammability (solid, gas):	Not applicable (mixture with no physical hazards).
Upper/lower flammability or explosive limits:	Not applicable (mixture with no physical hazards).
Vapour pressure:	Not determined, consider as water.
Vapour density:	Not determined, consider as water.
Relative density:	1.006
Solubility(ies):	Fully water-soluble, oil solubility is not determined.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not applicable (mixture with no physical hazards).
Decomposition temperature:	Not determined. No decomposition if stored and handled as prescribed/indicated. See SECTION 7.
Viscosity:	Not determined, consider as water.
Explosive properties:	Not applicable (mixture with no physical hazards).
Oxidising properties:	Not determined, but unlikely (mixture with no physical hazards).

9.2. Other information: Not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:	None known.
10.2. Chemical stability:	Protect from freezing. Stable under normal ambient conditions of temperature and pressure.
10.3. Possibility of hazardous reactions:	None known.
10.4. Conditions to avoid:	See SECTION 7.2.
10.5. Incompatible materials:	None known.
10.6. Hazardous decomposition products:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

Acute toxicity:

Not known to be harmful by ingestion. Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

See SECTION 4.2. Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

See SECTION 4.2. Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Prolonged exposure in a confined space may cause irritation to the respiratory system. Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Health effects:

None known.

Other information:

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity:	Not determined for final product.
12.2. Persistence and degradability:	Not determined for final product.
12.3. Bioaccumulative potential:	Not determined for final product.
12.4. Mobility in soil:	Not determined for final product.
12.5. Results of PBT and vPvB assessment:	Not applicable. See SECTION 2.3.
12.6. Other adverse effects:	None known.

SECTION 13: DISPOSAL CONSIDERATIONS
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13.1. Waste treatment methods:	No special disposal considerations are required. Users must ensure disposal is in accordance with local and national legislation.
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SECTION 14: TRANSPORT INFORMATION
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Not classified to be a dangerous good for any mode of transport.

14.1. UN 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 applicable.
14.6. Special precautions for user:	None known.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:	Not applicable.
15.2. Chemical safety assessment:	None.

SECTION 16: OTHER INFORMATION

i) Indication of changes:

This safety data sheet has been revised in SECTIONS 1-16 due to changes in legislation.

ii) Full text:

PBT:	Persistent, bioaccumulative and toxic.
vPvB:	Very persistent and very bioaccumulative.
Eye Irrit. 2:	Eye irritant - Category 2.
STOT SE 3:	Specific target organ toxicity - single exposure - Category 3.
H319:	Causes serious eye irritation.
H335:	May cause respiratory irritation.

iii) Key literature references and sources for data:

Information provided by Safety Data Sheets.

Guidance on the compilation of safety data sheets, ECHA.

iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

Calculation method.

The safety data sheet is supplied as required by Regulation (EC) No 1907/2006 (REACH) and, where applicable, Directive 98/8/EC for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of last revision.

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