



a great british company

SAFETY DATA SHEET
4 in 1 Pine Disinfectant Spray

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name 4 in 1 Pine Disinfectant Spray
Product number BLE083

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

1.3. Details of the supplier of the safety data sheet

Supplier Star Brands Limited
 Unit E
 Millshaw Business Living
 Global Avenue
 Leeds
 LS11
 8PR England
 +44 (0) 113 2666 300
 +44 (0) 113 2666 690
 info@starbrandsltd.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0) 113 2666 300 (09.00-17.00 Mon-Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Eye Irrit. 2 - H319
Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.
 EUH208 Contains Pine Oil, dipentene. May produce an allergic reaction.

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Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
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2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<p>C9-11 PARETH-6 1-5%</p> <p>CAS number: 68439-45-2</p>
<p>Classification</p> <p>Acute Tox. 4 - H302</p> <p>Eye Dam. 1 - H318</p>
<p>propan-2-ol 1-5%</p> <p>CAS number: 67-63-0 EC number: 200-661-7</p>
<p>Classification</p> <p>Flam. Liq. 2 - H225</p> <p>Eye Irrit. 2 - H319</p> <p>STOT SE 3 - H336</p>
<p>Pine Oil <1%</p> <p>CAS number: —</p> <p>M factor (Acute) = 1 M factor (Chronic) = 1</p>
<p>Classification</p> <p>Flam. Liq. 3 - H226</p> <p>Skin Irrit. 2 - H315</p> <p>Eye Irrit. 2 - H319</p> <p>Skin Sens. 1 - H317</p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 1 - H410</p>
<p>didecyldimethylammonium chloride <1%</p> <p>CAS number: 7173-51-5 EC number: 230-525-2</p>
<p>Classification</p> <p>Acute Tox. 4 - H302</p> <p>Skin Corr. 1B - H314</p>

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<p>quaternary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides</p> <p>CAS number: 63449-41-2 EC number: 264-151-6</p> <p>M factor (Acute) = 1</p>	<p><1%</p>
<p>Classification</p> <p>Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1C - H314 Aquatic Acute 1 - H400</p>	
<p>dipentene</p> <p>CAS number: 138-86-3 EC number: 205-341-0</p> <p>M factor (Acute) = 1 M factor (Chronic) = 1</p>	<p><1%</p>
<p>Classification</p> <p>Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410</p>	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Keep affected person warm and at rest. Do not induce vomiting unless under the direction of medical personnel. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues. If in doubt, get medical attention promptly.
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if any discomfort continues. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes. Get medical attention immediately. Continue to rinse.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards	The product is non-combustible. The product is not flammable.
Hazardous combustion products	None known.

5.3. Advice for firefighters

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Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Use special protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid inhalation of vapours. Avoid contact with eyes and prolonged skin contact. Wear protective clothing and gloves.

6.2. Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used. Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Clear up spills immediately and dispose of waste safely.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with eyes and prolonged skin contact. Avoid inhalation of vapours and spray/mists. Provide adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep in a cool place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Avoid inhalation of vapours and spray/mists.

Eye/face protection Wear eye protection.

Hand protection Wear protective gloves.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Blue-green.

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Odour	Characteristic.
pH	pH (concentrated solution): 7.0

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	No particular stability concerns.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
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Acute toxicity - oral

ATE oral (mg/kg)	12,278.19702223
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Acute toxicity - dermal

ATE dermal (mg/kg)	100,000.0
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SECTION 12: Ecological Information

Ecotoxicity	The product contains a substance which may have hazardous effects on the environment.
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12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods	No specific disposal method required.
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SECTION 14: Transport information

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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 MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	23/06/2016
Revision	2
Supersedes date	07/03/2016
SDS number	5400
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains Pine Oil, dipentene. May produce an allergic reaction.