

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET GREEN PINE DISINFECTANT

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

#### 1.1. Product identifier

Product name	GREEN PINE DISINFECTANT
Internal identification	062902X5
Container size	2x5L

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

Identified uses	Disinfectant.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	Cleenol Group Ltd Neville House Beaumont Road Banbury Oxon OX16 1RB UK Tel: +44 (0)1295 251721 sales@cleenol.co.uk
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#### 1.4. Emergency telephone number

Emergency telephone	In case of a medical emergency following exposure to a chemical, call NHS Direct via 111 (UK only).
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

Hazard statements	EUH208 Contains DIPENTENE. May produce an allergic reaction. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P273 Avoid release to the environment. P501 Dispose of contents/ container in accordance with national regulations.

#### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## GREEN PINE DISINFECTANT

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16))</b>	<b>0.75%</b>
CAS number: 68424-85-1	EC number: 270-325-2
M factor (Acute) = 10	M factor (Chronic) = 1

#### Classification

Acute Tox. 4 - H302  
 Skin Corr. 1A - H314  
 Eye Dam. 1 - H318  
 Aquatic Acute 1 - H400  
 Aquatic Chronic 1 - H410

<b>DIPENTENE</b>	<b>&lt;1%</b>
CAS number: 138-86-3	EC number: 205-341-0
M factor (Acute) = 1	M factor (Chronic) = 1

#### Classification

Flam. Liq. 3 - H226  
 Skin Irrit. 2 - H315  
 Skin Sens. 1 - H317  
 Aquatic Acute 1 - H400  
 Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Unlikely route of exposure as the product does not contain volatile substances.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if a large quantity has been ingested.
<b>Skin contact</b>	Rinse with water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

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

<b>Inhalation</b>	The product is considered to be a low hazard under normal conditions of use.
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	The product is considered to be a low hazard under normal conditions of use. May cause skin sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	May cause eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
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## GREEN PINE DISINFECTANT

**Specific treatments**                      Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media**                      None known.

#### 5.2. Special hazards arising from the substance or mixture

**Specific hazards**                                      None known.

#### 5.3. Advice for firefighters

**Protective actions during firefighting**                      Fight fire with normal precautions from a reasonable distance. Avoid the spillage or runoff entering drains, sewers or watercourses.

**Special protective equipment for firefighters**                      Use protective equipment appropriate for surrounding materials. Firefighter's clothing will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**                                      Avoid contact with eyes and prolonged skin contact. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.

#### 6.2. Environmental precautions

**Environmental precautions**                                      The product contains a substance which is harmful to aquatic organisms. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**                                      Large Spillages: Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Wash thoroughly after dealing with a spillage.

#### 6.4. Reference to other sections

**Reference to other sections**                                      For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**                                      Avoid contact with eyes and prolonged skin contact.

**Advice on general occupational hygiene**                                      Wash contaminated skin thoroughly after handling. Do not eat, drink or smoke when using this product.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions**                                      Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

#### 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

**Ingredient comments**                                      No exposure limits known for ingredient(s).

## GREEN PINE DISINFECTANT

### 8.2. Exposure controls

#### Protective equipment



<b>Appropriate engineering controls</b>	No specific ventilation requirements.
<b>Eye/face protection</b>	No specific eye protection required during normal use.
<b>Hand protection</b>	No specific requirements are anticipated under normal conditions of use. For users with sensitive skin, it is recommended that suitable protective gloves are worn. Wear protective gloves made of the following material: Nitrile rubber. Rubber (natural, latex).
<b>Hygiene measures</b>	Wash contaminated skin thoroughly after handling. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	No specific requirements are anticipated under normal conditions of use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Green.
<b>Odour</b>	Pine.
<b>pH</b>	pH (concentrated solution): 9.5-10.5
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Relative density</b>	~ 1.001 @ 20°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Refractive index</b>	1.2 - 2.2
<b>Volatile organic compound</b>	This product contains a maximum VOC content of <0.1 %.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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## GREEN PINE DISINFECTANT

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** No specific requirements are anticipated under normal conditions of use.

### 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.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

**Inhalation** The product is considered to be a low hazard under normal conditions of use.

**Ingestion** No harmful effects expected from quantities likely to be ingested by accident.

**Skin contact** Skin irritation should not occur when used as recommended. May cause sensitisation or allergic reactions in sensitive individuals.

**Eye contact** May cause eye irritation.

**Route of exposure** Skin and/or eye contact

## SECTION 12: Ecological information

**Ecotoxicity** The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

**Toxicity** Harmful to Aquatic Organisms

### 12.2. Persistence and degradability

**Persistence and degradability** Moderately biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely.

### 12.4. Mobility in soil

**Mobility** Soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## GREEN PINE DISINFECTANT

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

**Disposal methods** Dispose of waste product or used containers in accordance with local regulations

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### SECTION 15: Regulatory information

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

**EU legislation** 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 (as amended).

**Guidance** EH40/2005 Workplace exposure limits  
Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)  
Health and Safety Executive

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Issued by** Regulatory Chemist

**Revision date** 20/05/2021

## GREEN PINE DISINFECTANT

<b>Revision</b>	13
<b>Supersedes date</b>	29/03/2021
<b>SDS number</b>	10050
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. 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 DIPENTENE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.