



## SAFETY DATA SHEET

### Green Pine Disinfectant - Power Maxed

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

##### 1.1. Product identifier

**Product name** Power Maxed Green Pine Disinfectant  
**Product Code** PMPD5

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

**Identified uses** Disinfectant Cleaner  
Pine-Quat Disinfectant - Conforms to BS 6424 When Used neat (QAP - 30)

**Uses advised against** Use only for intended applications.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** Power Maxed  
3B Wellington Road  
Waterloo Park  
Bidford on Avon  
Warwickshire  
B50 4JH, United Kingdom  
+44 (0) 1789 330 668  
info@powermaxed.com

##### 1.4. Emergency telephone number

**Emergency telephone:** +44(0)1789 330668 (during usual office hours 8am-5:00pm). Out of hours please contact NHS 111 (England and Wales) or NHS 24 (Scotland) – dial 111, or in case of an emergency call a doctor or the emergency services immediately. Health Professionals only: National Poisons Information Service (UK) 0844 8920111. National Poisons Information Centre (Eire) 01-8092566/8379964

#### SECTION 2: HAZARDS IDENTIFICATION

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

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulations:

**Physical hazards** N/A

**Health hazards** Eye Irrit. 2 – H320

**Environmental hazards** N/A

##### 2.2. Label elements

Labelling according to EC Directives: 1272/2008/EC

**Signal Word:** WARNING

**Pictogram(s):**

<b>Hazard statements</b>	H320	Causes eye irritation.
<b>Precautionary statements</b>	P102 P305+P351+P338	Keep out of reach of children. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Supplementary Label Information</b>	N/A	
<b>Supplementary Precautionary Statements</b>	N/A	

**2.3. Other hazards**

Not Classified as PBT/vPvB by current EU criteria.

**SECTION 3: Composition / Information on Ingredients****3.2. Mixtures**

Ingredient Name	CAS Number	Health Hazard	Composition (%)
Water	N/A	N/A	>40%
Benzalkonium Chloride	N/A	C R21/22/34/50 Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Corr. 1B (H314) Aquatic. Acute 1 (H400)	<2%
Fatty Acid Ethoxylate	68439-45-2	Xn R22/41 Acute Tox. 4 (H302) Eye Dam. 1 (H318)	<1%
Fragrance	N/A	N/A	<1%

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

**Eye contact:** Wash with clean water. Continue to irrigate until irritation ceases. If irritation persists seek medical advice.

**Skin contact:** Unlikely to cause problems. People with very sensitive skin may experience some soreness. If this occurs discontinue use of product and if soreness persists seek medical advice.

**Ingestion:** DO NOT induce vomiting. Get medical attention immediately. Promptly let affected drink lots of water to dilute the swallowed chemical. Give milk instead of water if readily available. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!.

**Inhalation:** Unlikely. If aspiration of product should occur seek medical advice immediately.

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

**Inhalation:** No specific symptoms.

**Ingestion:** No specific symptoms.

**Skin contact:** No specific symptoms.

**Eye contact:** No specific symptoms.

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

No specific recommendations.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

**Suitable extinguishing media** Non-Flammable.

**Unsuitable extinguishing media** No information available.

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

**Specific Hazards** None known.

**Hazardous combustion products** Severe fire may result in the production of carbon dioxide (CO<sub>2</sub>) and carbon monoxide (CO).

**Unusual Fire & Explosion Hazards** No information available.

#### **5.3. Advice for firefighters**

**Special Fire Fighting Procedures** No information available.

**Special protective equipment for firefighters** No information available.

**Further Information** No information available.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Avoid contact with eyes. Avoid prolonged contact with skin.

#### **6.2. Environmental precautions**

For spillage of greater than 10 litres use absorbent, non-combustible material then place in suitable containers. Containers to be collected by waste disposal contractors.

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

Small quantities - dilute to waste with water.

For spillage of greater than 10 litres use absorbent, non-combustible material then place in suitable containers. Containers to be collected by waste disposal contractors.

#### **6.4. Reference to other sections**

For personal protection, see Section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Usage Precautions** Do not splash into eyes.  
Avoid extremes of temperature. Keep out of direct sunlight.  
Keep containers sealed until required.

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

Avoid extremes of temperature. Keep out of direct sunlight. Keep containers sealed until required.

### 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

No information available.

### 8.2. Exposure controls

**Appropriate Engineering controls:** No information available.

**Personal protective equipment:** No information available

**Respiratory protection:** No information available.

**Hand protection:** No information available.

**Eye/face protection:** Avoid contact with eyes.

**Skin and body protection:** Avoid prolonged contact with skin.

**Hygiene measures:** No information available.

**Environmental exposure controls:** No information available

**Other Protection:** No information available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

State and colour	Green liquid.
Odour	Pine.
Odour Threshold	Not determined
Upper/lower Flammability	Not determined.
Flash point	Not determined.
Lower explosion limit	Not determined.
Explosion limit	Not determined.
Explosive properties	Not determined.
Thermal decomposition	Not determined.
Auto-ignition temperature	Not determined.
Oxidising properties	Not determined.
Solubility in water	Soluble.

Solubility in other solvents	Not determined.
pH	11-12
Melting point/range	Not determined.
Initial Boiling point/range	Not determined.
Relative density/Specific Gravity	1.01 g/ml.
Vapour pressure	Not determined.
Vapour density	Not determined.
Partition coefficient: n-octanol/water	Not determined.
Viscosity	Not determined.
Evaporation rate	Not determined.

## 9.2. Other information

No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product

### 10.2. Chemical stability

No particular stability concerns

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

**Materials to Avoid** Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates carbon dioxide (CO<sub>2</sub>), and carbon monoxide (CO).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

<b>Acute toxicity – oral</b> Notes (oral LD50)	Based on available data the classification criteria are not met.
<b>Acute toxicity – dermal</b> Notes (dermal LD50)	Based on available data the classification criteria are not met.
<b>Acute toxicity – inhalation</b> Notes (inhalation LC50)	Based on available data the classification criteria are not met.
<b>Skin corrosion/irritation</b> Animal Data	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation</b>	No data available
<b>Respiratory sensitization</b>	No data available.

<b>Skin sensitization</b>	No data available.
<b>Germ cell mutagenicity</b>	No data available.
Genotoxicity – in-vitro	
<b>Carcinogenicity</b>	No data available.
<b>Reproductive Toxicity</b>	No data available.
<b>Specific target organ toxicity - single exposure</b>	No data available.
<b>Specific target organ toxicity - repeated exposure</b>	No data available.
<b>Aspiration hazard</b>	No data available.
<b>General information</b>	No data available.
<b>Inhalation</b>	No data available
<b>Ingestion</b>	No data available
<b>Skin Contact</b>	No data available.
<b>Eye Contact</b>	No data available.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

All detergents in this product are believed to be biodegradable.  
Phosphates may cause algal blooms in inland waterways.

#### 12.1 Toxicity

##### Toxicity

The product is not expected to be toxic to aquatic organisms.

#### 12.2 Persistence and degradability

##### Degradability

Product are expected to be biodegradable.

#### 12.3 Bioaccumulative potential

**Bio accumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### 12.4 Mobility in soil

**Mobility:** The product is soluble in water.

**Solubility:** The product is soluble in water

#### 12.5 Results of PBT and vPvB assessment

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

#### 12.6 Other adverse effects

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS****General information**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**13.1 Waste treatment methods**

**Disposal operations:** Small quantities - dilute to waste.  
Large quantities - contact local waste disposal companies.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN Number:**

Not applicable.

**14.2 UN Proper Shipping Name:**

Not applicable

**14.3 Transport hazard class(es):**

Class: Not applicable

Transport labels: Not applicable

Classification Code: Not applicable

**14.4 Packing Group:**

Not applicable

**14.5 Environment hazards:**

Environmentally hazardous/Marine Pollutant: No

**14.6 Special precautions for user:**

Transport Category: Not applicable

Tunnel restriction code: Not applicable

**14.7 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**

This product is not classified under these regulations and has no special labelling requirements. This product is not classified under these regulations and has no special labelling requirements.

**Other Regulations**

Take note of Dir 94/33/EC on the protection of young people at work.

Notification Status

EINECS: On the inventory, or in compliance with the inventory

TSCA: On TSCA Inventory

AUSTR: On the inventory, or in compliance with the inventory

DSL: All components of this product are on the Canadian DSL list.

ENCS: On the inventory, or in compliance with the inventory

KOREA: Not in compliance with the inventory

PHIL: On the inventory, or in compliance with the inventory

HINA: On the inventory, or in compliance with the inventory

ISHL: On the inventory, or in compliance with the inventory

NZIOC: On the inventory, or in compliance with the inventory

**15.2: Chemical safety assessment**

A Chemical Safety Assessment has not been carried out for this substance.

**SECTION 16: OTHER INFORMATION**

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006 (REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals) as amended and Regulation EU 453/2010.

**Full text of H-statements referred to under sections 2 and 3**

Acute Tox. 4 (H302) Acute toxicity, oral, Category 4

Acute Tox. 4 (H312) Acute toxicity, dermal, Category 4

Skin Corr. 1B (H314) Skin corrosion/irritation, Category 1B

Eye Dam. 1 (H318) Serious eye damage/eye irritation, Category 1

Eye Irrit. 2 (H320) - Serious eye damage/eye irritation, Category 2

Aquatic. Acute 1 (H400) Hazardous to the aquatic environment, acute toxicity, Category 1

**Abbreviations and acronyms**

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.

DNEL: Derived No Effect Level (Section 8).

PNEC: Predicted No Effect Concentration (Section 8).

PBT: Persistent, Bioaccumulative, Toxic. (Section 12).

vPvB: very Persistent and very Bioaccumulative. (Section 12).

LC50: Lethal Concentration, 50 percent. (Section 11/12).

LD50: Lethal Dose, 50 percent. (Section 11).

**Source of key data used to compile the data sheet**

Supplier information

**Date:** 01/11/2019

**Revision No.** N/A

**Modifications since last revision:** N/A.

**Legal disclaimer:** The information presented herein is based on data considered to be accurate as of the date of this Safety Data Sheet (SDS). However, an SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorisation given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the material.