



## SAFETY DATA SHEET

PINE DISINFECTANT

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Compilation date:08/06/2015

Revision No:1

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

#### 1.1. Product identifier

**Product name:** PINE DISINFECTANT

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

**Use of substance / mixture:** PC8: Biocidal products (e.g. Disinfectants, pest control).

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

**Company name:** Essential Supplies Limited  
Unit 10 Millway  
Old Mill Lane Industrial Estate,  
Mansfield Woodhouse,  
Nottinghamshire,  
NG19 9BG

**Tel:** 01623 646 000  
01157 080 255

**Email:** sales@esl-online.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** 01623 646 000 (Office Hours)

### Section 2: Hazards identification

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

**Classification under CLP:** Aquatic Chronic 3: H412

**Most important adverse effects:** Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H412: Harmful to aquatic life with long lasting effects.

**Precautionary statements:** P273: Avoid release to the environment.

P501: Dispose of contents/container to hazardous or special waste collection point.

#### 2.3. Other hazards

**PBT:**This product is not identified as a PBT/vPvB substance.

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

[cont...]

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## Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES -  
REACH registered number(s): 01-2119970550-39-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
939-350-2 -		-	Skin Corr. 1B: H314; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%

DODECYL DIPROPYLENETRIAMINE - REACH registered number(s): 01-2119980592-29

219-145-8	2372-82-9	-	Acute Tox. 3: H301; Skin Corr. 1B: H314; STOT RE 2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:**Wash immediately with plenty of soap and water.

**Eye contact:**Bathe the eye with running water for 15 minutes.

**Ingestion:**Wash out mouth with water.

**Inhalation:**Consult a doctor.

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

**Skin contact:**No symptoms.

**Eye contact:**There may be irritation and redness.

**Ingestion:**There may be irritation of the throat.

**Inhalation:**No symptoms.

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

**Immediate / special treatment:**Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:**Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:**In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:**Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

[cont...]

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

## 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Not applicable.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**Hazardous ingredients:**

#### QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES

Type	Exposure	Value	Population	Effect
DNEL	Dermal	5,7mg/kg/day	Workers	Systemic
DNEL	Inhalation	3,96 mg/m <sup>3</sup>	Workers	Systemic
PNEC	Fresh water	0,0009 mg/l	-	-
PNEC	Soil (agricultural)	7 mg/Kg	-	-

#### DODECYL DIPROPYLENETRIAMINE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	2.35mg/m <sup>3</sup>	Workers	Systemic

[cont...]

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DNEL	Dermal	0.91mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	0.7mg/m3	Consumers	Systemic
DNEL	Dermal	0.54mg/kg bw/day	Consumers	Systemic
DNEL	Oral	0.2 mg/kg bw/day	Consumers	Systemic

### 8.2. Exposure controls

**Respiratory protection:**Respiratory protection not required.

**Hand protection:**Protective gloves.

**Eye protection:**Safety glasses. Ensure eye bath is to hand.

**Skin protection:**Protective clothing.

### Section 9: Physical and chemical properties

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

**State:**Liquid

**Colour:** Pine

**Odour:** Green/Brown

**Viscosity:**Non-viscous

**Boiling point/range°C:**>35

**Flash point°C:**60 - 93

**pH:**Approx. 7

#### 9.2. Other information

**Other information:**No data available.

### Section 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity:**Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

**Chemical stability:**Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:**Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:**Heat.

#### 10.5. Incompatible materials

**Materials to avoid:**Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:**In combustion emits toxic fumes.

[cont...]

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

**QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES**

DERMAL	RBT	LD50	3412	mg/kg
ORAL	RAT	LD50	400	mg/kg

**Toxicity values:**No data available.

### Symptoms / routes of exposure

**Skin contact:**No symptoms.

**Eye contact:**There may be irritation and redness.

**Ingestion:**There may be irritation of the throat.

**Inhalation:**No symptoms.

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

**QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-14 (EVEN-NUMBERED)-ALKYLDIMETHYL, CHLORIDES**

ALGAE	72H IC50	0.03	mg/l
DAPHNIA	48H EC50	0.016	mg/l
FISH	96H LC50	0.515	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:**Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:**No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:**Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:**This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:**Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:**Dispose as normal waste. Recycle where possible.

[cont...]

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**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H301: Toxic if swallowed.

H314: Causes severe skin burns and eye damage.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.