



PROFESSIONAL CLEANING PRODUCTS

**PRODUCT INFORMATION SHEET**

# PINE DISINFECTANT

## MULTI-PURPOSE DISINFECTANT

**PRODUCT INFORMATION:**

Formulated for use as a general purpose disinfectant for drains, refuse bins, sinks, lavatories, floors & walls to kill bacteria, deodorize & neutralize bad odours to leave a pleasant pine fresh fragrance.

**ADVANTAGES:**

GENERAL PURPOSE APPLICATION:	Pine disinfectant is effective on all washable surfaces such as stainless steel, chrome, plastic, glass, ceramic, porcelain, vinyl, rubber, marble, terrazzo, polished & sealed floors.
DISINFECTION:	Contains Benzalkonium Chloride a proven and powerful disinfectant against a wide range of gram-positive & gram negative bacteria
NON-STREAKING:	Pine disinfectant leaves a clear, sparkling, streak and stain free surface without leaving a film.
FAST ACTING AND VERSATILE:	Effective within moments of application & can be applied easily by spray or mop to all surfaces to leave a pleasant pine fragrance
BIODEGRADABLE:	Readily biodegradable water based cleaner.
SOLUBILITY:	100% soluble in water.

**DIRECTIONS FOR USE:**

Dilute up to 1 part product with 20 parts clean water. Apply by spray or mop directly onto surface & wipe clean with a clean cloth or mop.

**HEALTH AND SAFETY:** See Safety Data Sheet.

**PACKAGING:**

All our plastic drums are high molecular weight; high-density polyethylene designed to bring the product to the customer in perfect conditions.  
Size: 5Lt Drum.

**QUALITY ASSURANCE:**

This product is manufactured in Ireland to ISO 9002 quality standards & conforms to R.E.A.C.H & CLP regulations. Shelf life: Not less than 3 years.

# Safety Data Sheet

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## PRODUCT NAME: PINE DISINFECTANT

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

#### 1.1. Product identifier

Product Name PINE DISINFECTANT  
Product No. BR 411

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

Identified uses: Cleaning agent

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

Supplier Fastdeal Ltd t/a Cleanfast  
Ashleigh House, JFK Road, Dublin 12  
Email: [info@fastdeal.ie](mailto:info@fastdeal.ie) Telephone: 014440146 / 1800848700

1.4. Emergency Contact: National Poisons Information Centre, Beaumont Hospital,  
Beaumont Road, Dublin 9. Tel: +353(01)8092566

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification: Regulation (EC) No 1272/2008: H319  
Human health: Causes serious eye irritation  
Environment: This product is readily biodegradable and not expected to be hazardous to the environment.

#### 2.2. Label elements

Detergent  
Labelling: Contains < 10% anionic surfactants



#### LABELLING:

##### WARNING

Hazard Phrases H319 Causes serious eye irritation  
Precautionary Statements P102 Keep out of the reach of children  
P264 Wash hands thoroughly after handling  
P280 Wear protective eye protection/face protection  
P305 IF IN EYES: Flush eyes with water, remove contact lenses if present & continue rinsing. Obtain medical attention if irritation persists.

2.3. Other hazards N/A

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

ALCOHOL ETHOXYLATE	1-3%
CAS-No.: 68439-45-2	EC No.:
Classification (EC 1272/2008)	
Acute Tox. 4 - H302	

Eye Dam. 1 - H318  
Aquatic Acute 1 - H400

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COCONUT DIETHANOLAMIDE CAS-No.: 8051-30-7	EC No.:	0-2%
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318		
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1	EC No.: 270-325-2	0-2%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400		
PINE OIL CAS-No.: 8002-09-3	EC No.:	0-2%
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335		

A Full Text for all Hazard Statements are Displayed in Section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation: In case of inhalation of spray mist: Move person into fresh air and keep at rest.

Ingestion: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact: Wash skin with soap and water.

Eye contact: Flush eyes with water, remove contact lenses if present & continue rinsing. Obtain medical attention if irritation persists.

Protection of first aider: Avoid contact with eyes (see Section 8.)

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

Inhalation: No symptoms noted.

Ingestion: No specific symptoms noted but may cause discomfort if swallowed

Skin contact: No specific symptoms noted bur prolonged or excessively exposure may cause skin dryness.

Eye contact: Will cause irritation to eyes. May cause serious damage to eyes by affecting the natural lubrication of the eye & cause redness &/or tearing.

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

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

## SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media: This product is flammable. Use appropriate extinguishing media for surrounding materials

5.2 Unsuitable: N/A

5.3 Specific Hazards: Avoid breathing fire vapours. Harmful vapours or gases may be formed in a fire

5.4 Special Equipment for the protection of Fire Fighters:

Wear full protective clothing & breathing apparatus.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

- |                                |   |
|--------------------------------|---|
| 6.1 Personal Precautions:      | None required (see Section 8.)  |
| 6.2 Environmental Precautions: | No special measures required  |
| 6.3 Methods for Cleaning up:   | Small Spills - Flush with water.<br>Large Spills - Contain & collect spillage & absorb on to sand for disposal. |

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Handling

- |                       |   |
|-----------------------|---|
| Technical Measures:   | No special measures required.                 |
| Safe Handling Advice: | None noted. Comply with instructions for use. |

#### 7.2 Storage

- |                        |  |
|------------------------|--|
| Technical Measures:    | No special measures required.  |
| Storage Conditions:    | Store in a cool dry place away from oxidizing agents.                            |
| Incompatible Products: | None known.  |
| Packaging:             | Plastic Drums.   |
| Packaging Materials:   | Recommended: Plastic Materials, Polyethylene, Polypropylene. Not Suitable – N/A. |

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Engineering Measures: No special measures required.  
8.2 Personal Protection Equipment:



- |                                   |   |
|-----------------------------------|---|
| Respiratory Protection:           | Provide adequate ventilation in areas of confined space.  |
| Hand Protection:                  | Use Chemical Resistant Gloves to EN Standard 374 Category III, Letter Code K                    |
| Eye Protection:                   | Use Chemical Goggles or Face Shield to EN Standard 166 Level 3 or higher                        |
| Skin Protection:                  | Wear Plastic Apron EN Standard 13034 Type PB[6] & Face Shield EN Standard 166 Level 3 or higher |
| 8.3 Hygiene Measures:             | Handle in accordance with good industrial hygiene and safety practices.                         |
| 8.4 Occupational Exposure Limits: | N/A   |

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

a)	Appearance:	Green Liquid.
b)	Odour:	Fragrant
c)	Odour threshold:	N/A
d)	pH:	7+/-0.5
e)	Melting point / freezing point:	No data available
f)	Initial boiling point & boiling range:	No data available
g)	Flash point:	No data available
h)	Evaporation rate:	No data available
i)	Flammability solid, gas):	No data available
j)	Upper/lower flammability or explosive limits:	No data available
k)	Vapour pressure:	No data available
l)	Vapour density:	No data available
m)	Relative density:	1.00kg/dm <sup>3</sup>
n)	Solubility(ies):	Soluble in Water
o)	Partition coefficient: n-octanol/water:	No data available
p)	Auto-ignition temperature:	No data available
q)	Decomposition temperature:	No data available
r)	Viscosity:	No data available
s)	Explosive properties:	No data available
t)	Oxidising properties:	No data available

## SECTION 10: STABILITY AND REACTIVITY

<u>10.1. Reactivity:</u>	There are no known reactivity hazards associated with this product.
<u>10.2. Chemical stability:</u>	Stable under normal temperature conditions and recommended use.
<u>10.3. Possibility of hazardous reactions:</u>	Hazardous Polymerisation N/A
<u>10.4. Conditions to avoid:</u>	Do not mix with strong acids or oxidising agents.
<u>10.5. Incompatible materials:</u>	Strong acids or oxidising agents.
<u>10.6. Hazardous decomposition products:</u>	None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects:

Inhalation:	No symptoms noted.
Ingestion:	No specific symptoms noted but may cause discomfort if swallowed
Skin contact:	No specific symptoms noted bur prolonged or excessive exposure may cause skin dryness.
Eye contact:	Will cause eye irritation. May cause serious damage to eyes by affecting the natural lubrication of the eye & cause redness &/or tearing

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## 11.2. Toxicological information on ingredients:

### ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Acute Toxicity (Oral LD50)  
> 5000 mg/kg Rat  
Acute Toxicity (Dermal LD50)  
> 2000 mg/kg Rat  
Acute Toxicity (Inhalation LC50)  
> 1.6 mg/l (dust/mist) Rat 4 hours  
REACH dossier information

### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1)

Acute Toxicity (Oral LD50)  
150 mg/kg Mouse  
Acute Toxicity (Dermal LD50)  
1420 mg/kg Rat  
Miscellaneous information sources.

### COCONUT DIETHANOLAMIDE (CAS: 8051-30-7)

Acute Toxicity (Oral LD50)  
> 2000 mg/kg Rat  
IUCLID chemical data sheet

## **SECTION 12: ECOLOGICAL INFORMATION**

Eco-toxicity: Not regarded as dangerous for the environment. The product is biodegradable.

### 12.1. Toxicity

Ecological information on ingredients:

### ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Acute Toxicity - Fish  
LC50 96 hours 0.59 mg/l Pleuronectes platessa  
Acute Toxicity - Aquatic Invertebrates  
EC50 48 hours 0.14 mg/l Daphnia magna  
Acute Toxicity - Aquatic Plants  
EC50 72 hours 0.75 mg/l Selenastrum capricornutum  
REACH dossier information

### ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE CAS-No.: 68424-85-1)

Acute Toxicity - Fish  
LC50 96 hours 0.31 mg/l Lepomis macrochirus (Bluegill)  
Miscellaneous information sources.

### COCONUT DIETHANOLAMIDE (CAS: 8051-30-7)

Acute Toxicity - Fish  
LC50 96 hours 5.4 mg/l Brachydanio rerio (Zebra Fish)  
Acute Toxicity - Aquatic Invertebrates  
EC50 48 hours 2.39 mg/l Daphnia magna  
Acute Toxicity - Aquatic Plants  
EC50 96 hours 2.3 mg/l Scenedesmus acutus  
IUCLID chemical data sheet.

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## 12.2. Persistence and degradability

Degradability: The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Biodegradation. Activated sludge Degradation (72%) 28 days

REACH dossier information

The substance is readily biodegradable.

## 12.3. Bioaccumulative potential

No data available on bioaccumulation.

## ALCOHOL ETHOXYLATE (CAS: 68439-45-2)

Bioaccumulation factor

BCF 12.7 Pimephales promelas (Fat-head Minnow)

REACH dossier information

## 12.5. Results of PBT and vPvB assessment

Not determined.

## 12.6. Other adverse effects

Not determined.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

General information: Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Consign empty container to normal waste.

### 13.1. Waste treatment methods

Dispose of waste in accordance with local regulations. Recover, reclaim or recycle, where possible.

## **SECTION 14: TRANSPORT INFORMATION**

The product is not covered by international regulation on the transport of dangerous goods:

<b>REGULATIONS</b>	<b>CLASS</b>
RID/ADR:	N/A
ICAO/IATA-DGR:	N/A
GGVSee/IMDG-Code:	N/A

### 14.1. UN number

None

### 14.2. UN proper shipping name

None

### 14.3. Transport hazard class(es)

N/A.

### 14.4. Packing Group

N/A

## 14.5. Environmental Hazards

None known

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## SECTION 15: REGULATORY INFORMATION

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

#### Statutory Instruments

Corresponding to Preparations Regulations S.I. No. 62 of 2004

#### Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### Guidance Notes

Workplace Exposure Limits EH40.

#### 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### Revision Comments

Re-issued according to Regulation (EU) No 453/2010.

Revision Date: 01.01.17

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### Hazard Statements In Full

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life

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The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.