

01 Chemical Product and Company Identification

Product Name: PINEL-5: Concentrated Pine Disinfectant
 Product Code: PIND05
 Supplier: Chaucer Solutions Ltd, Leycourt Farm, Gt. Gransden, Beds SG19 3AS
 Emergency Telephone: Tel: +44-67 677445

Floral 02 Composition/Information Ingredients

Hazardous Ingredients:	% Content	CAS No:	EC No:	Symbol:	R Phrases:
ALKYLDIMETHYL BENYL AMMONIUM CHLORIDE	20	68391-01-5	269-919-4	Xi	R22,34
ALKYL DIMETHYL BETAINE	1-5	68424-94-2		Xi	

03 Hazards Identification

Classification: Harmful if swallowed

04 First Aid Measures

Eye Contact: Rinse immediately with water for 10 minutes. Seek medical attention if any irritation persists.
 Skin Contact: Wash thoroughly with water. Take off contaminated clothing.
 Inhalation: Not applicable
 Ingestion: Wash mouth with water. Do not induce vomiting. Seek medical advice if victim feels unwell.

05 Fire Fighting Measure

Extinguishing Media: This material is not flammable
 Special Exposure Hazards: Fire fighters to wear self contained breathing equipment, if involved in a fire.
 Advice for Firefighters: Oxides of carbon

06 Accidental Release Measures

Clean Up Methods: Absorb spilled material with sand or other inert material. Dispose of in accordance with local authority waste disposal.
 Environmental Precautions: Do not allow to enter sewers or public watercourses.

07 Handling and Storage

Handling: Avoid spilling, skin and eye contact.
 Storage: Store upright in container provided. Avoid extreme temperatures. Keep 0oC to 40oC.

08 Exposure Controls and Personal Protection

Hazardous ingredient. EU established exposure limits:	CAS-No:	TWA	STEL
ALKYLDIMETHYL BENYL AMMONIUM CHLORIDE	68391-01-5	750 ppm	1000 ppm

Personal Protection

Safety glasses/goggles if there is a risk of eye contact.

Wear protective gloves if in contact with skin.

No specific ventilation, except in confined spaces.

GOOGLES



GLOVES



MASKS

MATERIAL SAFETY DATA SHEET PINEL-5

09 Physical and Chemical Properties

Appearance:	Liquid
Colour:	Green
Odour:	Pine
pH	7.8
Relative density 20°C:	1.01 g/cm ³ (@ 20°C)
Solubility in water:	Very soluble in water
Boiling point.	100

10 Stability and Reactivity

Classification	Normally Stable
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11 Toxicological Information

Skin Contact:	Prolonged contact with skin. Irritation
Eye Contact:	Irritation to eyes and mucous membranes
Inhalation:	May cause narcotic and drowsiness
Ingestion:	Irritating to mouth and throat

12 Ecological Information

Degradability:	The materials used in this formulation are bio-degradable by OECD methods
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13 Disposal Considerations

Disposal Method:	Dispose of in accordance with local authority waste disposal. Do not allow to enter sewers or public watercourses.
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14 Transportation Information

UN Number:	None required
Transport Name:	
Class:	
Label:	

15 Regulatory Information

Label for Supply:	Irritant 
Risk Phrase:	R36,38 Irritating to skin and eyes
Safety Phrases:	S24/25 Avoid contact with skin and eyes
UK Regulatory References:	The Control of Substances Hazardous to Health Regulations 2008 The Chemicals (Hazard Information & Packaging) Regulations 2008
Approved Code of Practice :	Classification and labelling of Substances and Preparations

16 Other Information

User Notes:	The information in this safety data sheet is compiled in compliance with Directive 2001/58/EC and is accurate to the best of our knowledge. The COSHH assessment should also ensure that recommended safety equipment is available and where applicable the exposure limits detailed in section 8 are not exceeded.
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