

Pine Disinfectant

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY			
Product Name	Pine Disinfectant		
Address / Phone Number	Delf (UK) Ltd 462 Cleveland Street Birkenhead Wirral CH41 8EQ Tel: 0151 652 4877 Fax: 0151 652 3800 E-mail: info@delf-uk.com		
Emergency Phone Number	IN AN EMERGENCY DIAL 999		
2. COMPOSITION / INFORMATION			
Product Description	General pine fragranced detergent / sanitiser based on a cationic surfactant biocide.		
Alternative Names	None.		
Hazardous Ingredient(s)	None.		
3. HAZARDS IDENTIFICATION			
Most Important Hazard	Irritant. Irritating to eyes and skin.		
See also Toxicological Information (Section 11)			
4. FIRST AID MEASURES			
Inhalation	Remove from exposure.		
Skin Contact	Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water. If large areas of skin are damaged, or if irritation persists, obtain medical attention. Wash all contaminated clothing before reuse.		
Eye Contact	Immediately irrigate with eyewash solution or clear water, holding eyelids apart, for at least 10 minutes. Seek medical attention urgently.		
Ingestion	Do not induce vomiting. Wash out mouth with water. Seek medical advice immediately and show this document.		
5. FIRE FIGHTING MEASURES			
<i>Not Flammable</i>			
Extinguishing Media	Normal extinguishing media.		
Fire Fighting Protective Equipment.	Suitable protective clothing should be worn in fire conditions.		
6. ACCIDENTAL RELEASE MEASURES			
Personal Precautions	See Exposure Controls / Personal Protection (Section 8).		
Small Spillages	Wash the spillage area to drain with plenty of water.		
Large Spillages	Where possible, transfer to a container for reuse or disposal (see Disposal Considerations – Section 13). Contain and absorb using earth, sand or other inert material. Flush area to drain with plenty of water.		
Environmental Precautions	Spillages or uncontrolled discharges into watercourses, drains or sewers must be immediately alerted to Environment Agency, local water company or other appropriate regulatory bodies.		
7. HANDLING AND STORAGE			
Handling	Avoid contact with skin and eyes. Do not mix with other chemicals. Wear suitable protective clothing. Ensure thorough ventilation of stores and wash areas.		
Storage	Store in a cool well ventilated area. Keep containers tightly closed.		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
Personal Protective Equipment	Wear suitable protective clothing, PVC or other impermeable suit, PVC boots, PVC gloves and chemical / face protection.		
Occupational Exposure Limits	Product	Long Term Exposure Limit (8 hr TWA)	Short Term Exposure Limit (15 Min)
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9. CHEMICAL AND PHYSICAL PROPERTIES			
Appearance	Clear green liquid.		
Odour	Pine fragrance.		

Solubility	Completely soluble in water.	
Specific Gravity	1.00 ± 0.01	
pH	7	
10. STABILITY AND REACTIVITY		
Stability	Stable under normal conditions. See Handling and Storage (Section 7).	
Known Hazardous Reactions	None known.	
Materials to avoid	None known.	
Hazardous Decomposition Product(s)	None known.	
11. TOXICOLOGICAL INFORMATION		
Inhalation	May cause severe irritation of nose, throat and respiratory tract.	
Skin Contact	Prolonged contact may cause drying and cracking of skin.	
Eye contact	Repeated and / or long term contact may lead to persistent effects in the eyes.	
Ingestion	May cause nausea. No toxic effect expected.	
12. ECOLOGICAL INFORMATION		
Persistence and Degradation	Product is biodegradable.	
Toxicity	Product is not expected to bio-accumulate.	
Effect on Effluent Treatment	Not Known.	
13. DISPOSAL CONSIDERATIONS		
Waste	Dispose of Pine Disinfectant or products contaminated with Pine Disinfectant using a licensed contractor in accordance with Waste Disposal Regulations.	
14. TRANSPORT INFORMATION		
UN Transport Name	Non hazardous for transport.	
UN No.	Not applicable.	
UN Primary Class	Not applicable.	
UN Packaging Group	Not applicable.	
Transport Hazard Symbol	Not applicable.	
Packaging	5 Litre and 25 Litre HDPE containers.	
Normal Carriage Temperature	Ambient.	
15. REGULATORY INFORMATION		
Risk Phrases	R36/38	Irritating to eyes and skin
Safety Phrases	S (1/2)	Keep locked up and out of the reach of children.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S24/25	Avoid contact with skin and eyes.
	S36/37/39	Wear suitable protective clothing, gloves and eye / face protection.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
16. OTHER INFORMATION		
Compiled according to the following UK regulations:		
2002	Control of Substances Hazardous to Health Regulations.	
2004	Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations.	
2002	Chemical (Hazard Information and Packaging for supply) Regulations.	
2002	EH40 Occupational Exposure Limits.	
Legal Disclaimer	The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith. For further details see Delf (UK) Ltd. conditions of sale (additional copies of this are available on request).	
Date of issue	June 2008 Revision 2 Approved By: Dr J Lee.	