

MATERIAL SAFETY DATA SHEET

MSDS Revision No: 07
Revision Date: 01/01/02

Product name Alma Pine Disinfectant 1000ml

Section 1 *Identification of the substance / preparation and company*

Date: 1st January 2002

Product Type Disinfectant
Physical Form Clear Liquid
Container Type 1000ml PVC with Handle

Company name Alma Hygiene Limited
Company address 280 Bannow Road
Cabra
Dublin 7
Ireland


Telephone (01) 836-3636
Fax (01) 838-9160

Section 2 *Composition / information on ingredients*

<u>NAME</u>	<u>RANGE</u>	<u>PURPOSE</u>
Benzalkonium Chloride	0-5%	Disinfecting, germ killing
Non-ionic Surfactant	0-5%	Break down dirt deposits
Sequestrants	0-5%	Soil suspension i.e.Prevents dirt from being re-deposited
Perfume	0-5%	Odour neutralising, masking.
Dye	0-5%	
CAS Number	8001-54-5	Benzalkonium Chloride (Alkyl Dimethyl Benzyl Ammonium Chloride)
EINECS number		

Section 3 *Hazard Identification*

General Irritant

Hazard Symbol  Xi, Irritant

Risk Phrases R36/38 – Irritating to eyes and skin.
R21/22 - Harmful in contact with skin and if swallowed.

Safety Phrases S2 – Keep out of reach of children
S24/25 – Avoid contact with skin and eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water.

Section 4 *First-aid Measures*

EYE: Flush gently with water for 10 mins. Obtain medical attention.

SKIN : Wash thoroughly with water.

INGESTION: Wash mouth with water. Drink plenty of milk or water. Do not induce vomiting.
Seek medical attention

INHALATION: N/A

Equipment at work place Normal First aid equipment

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Section 5 *Fire Fighting measures*

Flammability	Non-flammable
Suitable extinguishers	N/A
Extinguishers not to be used	N/A
Special protective equipment	N/A
Explosive hazards	N/A
Hazardous combustion products	N/A

Section 6 *Accidental release measures*

Personal Protection	Always wear protective gloves.
Spillage Clean-up	Absorb with earth or sand. Transfer to suitable containers

Section 7 *Handling and Storage*

Handling	Always wear protective gloves.
Storage	Store in a cool dry area.

Section 8 *Exposure Controls*

Avoid contact with eyes and skin
Always wear protective gloves.

Section 9 *Physical and chemical properties*

Appearance	Clear liquid	Solubility in water	Soluble
Colour	Pale Amber/Green	pH	9.5
Odour	Distinctive Pine	Viscosity at 20 C	As water
Boiling point at 0C	N/A	Density at 20 C	1.002
Flash point at 0C	N/A		

Section 10 *Stability and Reactivity*

Stable

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Section 11 *Toxicological information*

Eye	Irritant
Skin	Slight irritant
Ingestion	Irritant
Inhalation	N/A

Section 12 *Ecological Information*

Biodegradability
Effect on effluent treatment Avoid washings entering surface waterways

Section 13 *Disposal Information*

Contents: Absorb with earth or sand . Dispose of according to local regulations
Empty Containers: Wash and rinse. Dispose of according to local regulations

Section 14 *Transport Information*

UN No. and Packaging Group.
Road Carriage:

Section 15 *Regulatory Information*

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R21/22 - Harmful in contact with skin and if swallowed.
Safety Phrases: S2 – Keep out of reach of children
S24/25 – Avoid contact with skin and eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water.

Section 16 *Further Information*

For further information please contact our Technical Department on ++ 353 1 868-3477