

# MATERIAL SAFETY DATA SHEET

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

**Product name** 5 Litre Alma Pine Disinfectant

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

**Date:** 1st January 2002

**Product Type** Disinfectant  
**Physical Form** Clear Liquid  
**Container Type** 5 Litre HDPE, 28mm Wadded Cap

**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*

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

## Section 6 *Accidental release measures*

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

## Section 7 *Handling and Storage*

<b>Handling</b>	Always wear protective gloves.
<b>Storage</b>	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*

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

## Section 10 *Stability and Reactivity*

**Stable**

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## **Section 11**                      ***Toxicological information***

<b>Eye</b>	Irritant
<b>Skin</b>	Slight irritant
<b>Ingestion</b>	Irritant
<b>Inhalation</b>	N/A

## **Section 12**                      ***Ecological Information***

**Biodegradability**  
**Effect on effluent treatment**      Avoid washings entering surface waterways

## **Section 13**                      ***Disposal Information***

**Contents:**                              Absorb with eart 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***

**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 16**                      ***Further Information***

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