



Jangro Limited  
James House  
Worsley Road  
Farnworth  
Bolton  
BL4 9NL  
  
Tel. 0845 458 5223

## PRODUCT SAFETY DATA SHEET

### 1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO PINE DISINFECTANT  
Supplier: Jangro Limited, as above  
Emergency: 01865 407333 (24 hr)

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Alkyl Dimethyl Benzyl					
Ammonium Chloride	273-544-1	68989-00-4	<1	C	R21/22-34-50

COMPOSITION COMMENTS: Household disinfectant, QAP30, amber or green.

### 3 HAZARDS IDENTIFICATION

Not classified as hazardous, however it is recommended to avoid contact with eyes and prolonged contact with skin.

### 4 FIRST AID MEASURES

Eyes: Irrigate thoroughly with water or eye wash for 15 minutes. Obtain medical attention if irritation persists.  
Skin: Remove contaminated clothing. Wash thoroughly with plenty of running water. Obtain medical attention if symptoms develop.  
Ingestion: Do not induce vomiting. Provided the patient is conscious, wash out mouth with water and give water to drink. Obtain medical attention if irritation persists.  
Inhalation: Remove to fresh air.

### 5 FIRE FIGHTING MEASURES

Extinguishing Media: Water, foam or dry chemical.  
Not normally a fire hazard.

### 6 ACCIDENTAL RELEASE MEASURES

Small Spillage: Dilute to waste with plenty of water.  
Large Spillage: Absorb with sand, earth or granules and dispose of according to Local Authority regulations. Do not contaminate water courses or sewers,

### 7 HANDLING AND STORAGE

Handling: Use the personal protective equipment listed below when handling concentrate.  
Storage: For long periods in storage, keep in polythene containers in a cool place.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

PVC or rubber gloves, eye shields.

#### Occupational Exposure Limits:

Hazardous Ingredient	LTEL 8hr	TWA	STEL	
	ppm	mg/m3	ppm	mg/m3

**9 PHYSICAL AND CHEMICAL PROPERTIES**

Physical Form: Clear amber or green liquid  
Odour: Pine  
pH: Typical 8.9  
Flash Point C: n/a  
Relative Density (20C): 1.001 typical  
Solubility in Water: Soluble

**10 STABILITY AND REACTIVITY**

Stability: Stable  
Conditions to Avoid: None know  
Materials to Avoid: Aluminum  
Hazardous Decomposition Products:  
None when stored and handled correctly.

**11 TOXICOLOGICAL INFORMATION**

Inhalation: No risk from vapour in normal use.  
Ingestion: Small quantities swallowed are unlikely to have any effect. Large quantities may irritate the mouth, gullet and stomach and possibly lead to nausea or vomiting.  
Skin: Prolonged or repeated contact may result in irritation.  
Eyes: May irritate and inflame.

**12 ECOLOGICAL INFORMATION**

There are no test data for the preparation, however, based in ingredient data, this material is unlikely to accumulate in the environment and environmental problems in normal use are not expected.

**13 DISPOSAL CONSIDERATIONS**

Disposal Methods: Dispose of according to Local Authority regulations. Wash out containers with water before disposal.

**14 TRANSPORT INFORMATION**

Road: Not classified as hazardous  
UN No:  
TREM Card No:  
ADR/RID Class:  
IMDG Class and Packaging Group:  
Proper Shipping Name:  
Marine Pollutant: No  
Customs Tariff: 3808 40 10

**15 REGULATORY INFORMATION**

CHIP Classification: Not classified as hazardous  
Hazard Symbol:

Risk Phrases:  
Safety Phrases: S2 Keep out of reach of children  
S24/25 Avoid contact with skin and eyes

**16 OTHER INFORMATION**

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. However, the information is provided without any warrantee, express or implied regarding its correctness.

Text of the R-phrases that are allocated to the ingredients listed in section 2 of this safety data sheet.

R21/22 Harmful in contact with skin and if swallowed  
R34 Causes burns  
R50 Very toxic to aquatic organisms



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## PINE DISINFECTANT

### Description

This product is an effective disinfectant with a pleasant odour based upon Quaternary Ammonium compounds.

Whilst conforming to the requirements of BS 6424: 1984 Group QAP 30, the product is available in floral or the traditional pine odour and can be coloured either amber or green.

The QAC aromatic fluids are designed for light duty disinfectant on surfaces or articles that are visibly clean or only lightly soiled.

Heavily soiled articles on surfaces should be rinsed clean before being disinfected or an alternative type of disinfectant should be used.

The Quaternary Ammonium Compounds have activity against a wide range of resistant pathogenic bacteria including many gram-positive and gram-negative bacteria.

The product destroys odour-forming bacteria at source thereby eliminating unpleasant smells and can be used in washroom areas, sinks, toilets, and on floors, walls, surfaces etc.

When diluted in effluent this product is completely biodegradable and due to its low toxicity, can be used in food processing, dairy, cosmetic and pharmaceutical areas.

### Recommendations for Use

General Disinfection	Dilute 1 part to 30 parts fresh, clean water.
Flushing	Use neat for sinks, drains and gully's
Washing	For routine cleaning and deodorising of floors, walls and painted surfaces, dilute 1 part in 60 parts of clean water.
Soaking	Soiled linen, handkerchiefs, heavily soiled articles should be rinsed clean before disinfection.

### Pack Size

5 Litres

### Typical Product Data

Physical Form:	Clear amber or green liquid
Odour:	Pine
pH:	Typical 8.9
Flash Point C	n/a
Relative Density (20C)	1.001 typical

### Storage Information

Store in original sealed container and protect from extremes of temperature.