

## SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION &amp; COMPANY

PRODUCT NAME	PINE DISINFECTANT
CHEMICAL FAMILY	Cleaner sanitiser
COMPANY NAME	COLE & WILSON LTD, NABBS LANE, SLAITHWAITE, HUDDERSFIELD, W. YORKSHIRE, HD7 5AT
EMERGENCY TELEPHONE	01484 842353

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISATION	Blend of non ionic surfactant, quaternary ammonium compound, pine oil and water. 85409-22-9, 68439-45-2
CAS NUMBER	None.

## 3. HAZARD IDENTIFICATION

Non-hazardous.

## 4. FIRST AID MEASURES

INHALATION	Remove from exposure and keep warm. Seek medical attention.
SKIN CONTACT	Wash off with water.
EYE CONTACT	Irrigate with plenty of water and seek medical advice.
INGESTION	If more than a few drops swallowed give patient water to drink. Do not induce vomiting. Seek medical advice.

## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Carbon dioxide, dry powder, sand, foam or water spray.
SPECIAL PRECAUTIONS	Self contained breathing apparatus and full protective clothing should be worn.

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#### 6. ACCIDENTAL RELEASE MEASURES

METHODS FOR CLEANING UP            Take up with absorbent material, e.g. sand, sawdust.  
Rinse away remainder with water.

ENVIRONMENTAL PRECAUTIONS        Do not allow to get into waste water or waterways.

#### 7. HANDLING AND STORAGE

If in prolonged contact with neat product then the use of gloves is recommended.  
Avoid eye and prolonged skin contact

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION                Observe normal standards of industrial hygiene for handling chemicals.  
Wear gloves if prolonged skin contact is unavoidable.  
Avoid eye and prolonged skin contact.

#### 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE                            Clear liquid.

COLOUR                                    Green

ODOUR                                     Pine

CHANGES IN PHYSICAL STATE      Boiling point >100°C (water phase).

FLASH POINT                            non-flammable >61°C closed cup.

IGNITION TEMPERATURE            not determined

EXPLOSION LIMITS                    Not determined.

VAPOUR PRESSURE                    Not determined.

DENSITY                                 Approx. 1.03 @ 15°C.

SOLUBILITY                              Soluble in water.

pH VALUE                                 6/8.

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#### 10. STABILITY & REACTIVITY

THERMAL DECOMPOSITION	>150°C.
HAZARDOUS REACTIONS	Not determined.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon and nitrogen.

#### 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Expected to possess a relative low degree of acute oral toxicity.
DERMAL COMPATABILITY	Expected to be relatively non toxic by dermal route.
MUCOUS MEMBRANE COMPATABILITY	Expected to be a mild irritant.

#### 12. ECOLOGICAL INFORMATION

Ecotoxicity	Made from ingredients possessing biodegradability >80% when tested in accordance with screening test in E.E.C.Directive 82/243/E.E.C.
OTHER ECOLOGICAL INFORMATION	Do not release into surface waters.

#### 13. DISPOSAL CONSIDERATIONS

ADVICE ON DISPOSAL	In accordance with local authority regulations e.g. special waste disposal or incinerate.
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#### 14. TRANSPORT INFORMATION

UN NO.	None.
PACKAGING GROUP	Not classified.
IMDG PAGE NO.	Not classified.
MARINE POLLUTANT	No.
TREM CARD NUMBER	None.

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15. REGULATORY INFORMATION

This product is not classified as dangerous. The classification for this product has been arrived at after using the result from conventional method, after taking into account the likely effects in man.

RISK PHRASES

None.

SAFETY PHRASES

S24/25: Avoid contact with skin and eyes.

WATER HAZARD CLASS (WGK)

1 self classification.

16. OTHER INFORMATION.

Date of issue

14th March 2000

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. It should not be construed as guaranteeing specific properties.

I WRIGHT, CHEMIST