



## SAFETY DATA SHEET

### Pine Disinfectant

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Pine Disinfectant
PRODUCT NO.	50-16
APPLICATION	Disinfectant
SUPPLIER	Autosmart International Ltd Lynn Lane, Shenstone, nr Lichfield Staffordshire. WS14 0DH England www.autosmartinternational.com Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00) info@autosmartinternational.com
EMERGENCY TELEPHONE	Mob: +44 (0) 7808 971321 (24hrs) Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00)

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

##### ENVIRONMENT

The product is not expected to be hazardous to the environment.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
PINE OILS		68989-00-4	5-10%	Xn;R22.

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### INHALATION

Get medical attention if any discomfort continues.

##### INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

##### SKIN CONTACT

Remove contaminated clothing. Rinse with water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues. Make sure to remove any contact lenses from the eyes before rinsing.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

##### SPECIFIC HAZARDS

Oxides of: Carbon. Nitrogen.

#### 6 ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

For personal protection, see section 8.

## Pine Disinfectant

### ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

### SPILL CLEAN UP METHODS

Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Small quantities may be flushed to drains with plenty of water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

### STORAGE CLASS

Chemical storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING MEASURES

Provide adequate ventilation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### OTHER PROTECTION

Provide eyewash station.

### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Brown		
ODOUR	Pine		
SOLUBILITY	Soluble in water.		
RELATIVE DENSITY	~ 1.013 (20°C)	pH-VALUE, CONC. SOLUTION	7.0
VOLATILE ORGANIC COMPOUND (VOC)	0.64 g/litre		

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

### HAZARDOUS POLYMERISATION

Will not polymerise.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >2000 mg/kg (oral rat)

### TOXICOLOGICAL INFORMATION

No significant health hazards when used for designed purpose and application and when used in accordance with instructions.

### INHALATION

No specific health warnings noted.

## Pine Disinfectant

### INGESTION

No specific health warnings noted.

### SKIN CONTACT

No specific health warnings noted.

### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

### HEALTH WARNINGS

Because of quantity and composition, the health hazard is small. Serious long-term effects are not known to be related to this type of product.

### OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties. IARC Not Listed. OSHA Not Regulated. NTP Not Listed.

### MEDICAL SYMPTOMS

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

No negative effects on the aquatic environment are known. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

EC 50, 48 Hrs, DAPHNIA, mg/l >0.46

### MOBILITY

The product is soluble in water.

### BIOACCUMULATION

The product is not bioaccumulating.

### DEGRADABILITY

The product is biodegradable.

### WATER HAZARD CLASSIFICATION

WGK 0

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

The packaging must be empty (drop-free, when inverted)

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

## 14 TRANSPORT INFORMATION

### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

P13 Safety data sheet available for professional user on request.

### DETERGENT LABELLING

5 - < 15% Disinfectants  
< 5% NTA (nitrilotriacetic acid) and salts thereof

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

## Pine Disinfectant

### GUIDANCE NOTES

Workplace Exposure Limits EH40.

### NATIONAL REGULATIONS

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

## 16 OTHER INFORMATION

### GENERAL INFORMATION

Only trained personnel should use this material. This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

REVISION DATE 02/02/2011

REV. NO./REPL. SDS GENERATED 3

### RISK PHRASES IN FULL

R22 Harmful if swallowed.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.