

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Pine disinfectant
 Product Use: A germicide and pine oil base

New Zealand Supplier: Hubscrub
 Address: 308 Te Irirangi Dr,
 Botany South
 Auckland 2013

Telephone: 0800 248 272

Emergency Telephone: 0800 POISON (0800 764 766)

Date of MSDS Preparation: May 2019

Section 2. Hazards Identification

Potential Health Effects



WARNING

H302 Harmful if swallowed
H312 Harmful in contact with skin
H319 Causes serious eye irritation

Swallowed Gastrointestinal irritation, vomiting, nausea

Eyes Transient pain, irritation, redness

Skin No adverse effects with short contact time.

Inhalation No ill effects under normal label use

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
Water	<90	7732-18-5
Terpene Hydrocarbons	<3	63394-00-3
Pine Oil	<3	8002-09-3

Alcohol Ethoxylate	<3	68439-46-3
Benzalkonium Chloride	<3	8001-54-5
Ethylene Glycol Monobutyl Ether	<1	111-76-2

Section 4. First Aid Measures

Routes of Exposure:

Eye	Flush with water for at least 15 minutes. Seek medical attention if problems persist
Skin	Wash with soap and water if skin is red or itchy from contact. Apply a soothing barrier cream.
Ingestion	Give large quantities of water. Do not induce vomiting. Seek medical attention if problems persist.
Inhalation	Not applicable

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Water spray or fog
Fire and Explosion hazards	Not combustible
Fire Fighting Instructions	Hazchem Code 2X

Section 6. Accidental Release Measures

Land Spill or Leaks	Small spills or leaks can be collected for domestic rubbish disposal. Large spills or leaks should be shovelled or pumped into clean containers for decontamination and reuse.
Water Spill	Small spills and leaks should not pose any long term effects to aquatic environment. Large spills should be advised to the nearest regional council pollution officer to assist with containment.

Section 7. Handling and Storage

Handling Advice:	Goggles and gloves should be worn. Natural ventilation should be adequate under normal use conditions. Spillages are extremely slippery.
Storing Procedures:	Store away from high temperatures and sunlight. Do not

store near to food or feedstuffs. Keep containers closed at all times - check regularly for leaks

Section 8 Exposure Controls / Personal Protection

Engineering Controls: No special requirements

Personal Protective Equipment: Goggles and gloves should be worn for bulk handling and transfer. No PPE required for label use.

Section 9 Physical and Chemical Properties

Appearance	Orange Liquid
Odour:	Pine
Odour threshold	Data not available
pH:	6.5-7.5
Melting/Freezing point	Data not available
Initial boiling point/range	Data not available
Flash Point	N/A
Flammability	N/A
Upper/Lower flammability limits	N/A
Vapour pressure	Data not available
Vapour density	Data not available
Relative density	Data not available
Solubility in water:	Complete
Partition coefficient	Data not available
Auto-ignition temperature	N/A
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Chemical Stability	Stable
Conditions to Avoid	High temperatures > 40°C
Incompatibility	Strong acids or alkalis
Hazardous Decomposition Products	None

Section 11 Toxicological Information

Acute Oral Toxicity	LD ₅₀ Rat (oral) > 2000 mg / kg bw
Acute Dermal Toxicity	no data available.
Toxicological Data	Based on the nature and quantity of ingredients any adverse toxicological effects will be minimal. However in

rare cases some individuals could show chemical sensitivity.

Section 12. Ecotoxicological Information

Environmental Precautions

Ecological Toxicity No environmental hazard under normal conditions

Environmental Fate ;

Soil Biodegradable. Should not persist or bioaccumulate

Water Biodegradable. Should not persist or bioaccumulate

Environmental Exposure Limits EEL_{water}

Section 13. Disposal Considerations

Rinse empty containers for disposal in domestic rubbish. Absorb large spills or leaks with spill kit material and place in waste bin for trade waste disposal. Sweep or pump free liquid where possible for transfer back to original container

Section 14 Transport Information

Road, Rail, Marine and Air Transport

Not classified as a dangerous good for transport according to NZS5433:2007 Part 1

Section 15 Regulatory Information

Classification	Acutely toxic 6.1E, eye irritant 6.4A
Group Standard	Cleaning product (subsidiary hazard)
ERMA Approval No	HSR002530

Section 16 Other Information

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Hubscrub Phone: 0800 248 272, if further information is required.