

Section 1: Identification of the Substance/Mixture and of Supplier

Product name:	PINE DISINFECTANT
Recommended use:	As a commercial grade disinfectant liquid for cleaning, deodorizing and re-odorizing
Supplier:	Space Industries Limited
Street Address:	160 Plunket Ave, Wiri, Auckland New Zealand
Telephone Number:	+ 64 9 262 3902
Facsimile:	+ 64 9 262 3948
E-mail:	orders@spaceindustries.co.nz
Website:	www.spaceindustries.co.nz
Emergency Telephone	0800 764 766 (all hours)
Date of preparation:	11 April 2017

Section 2: Hazards Identification

ERMA Approval Code:	HSR002530
Hazard Classification:	No hazardous ingredients

Section 3: Composition/information on ingredients

Product Description:	Commercial grade disinfectant
Hazardous Component(s):	None
Composition:	An aqueous solution of quaternary compound, surfactant, perfume, sequestrant and dye.

Section 4: First Aid Measures

Show this Safety Data Sheet to a Doctor

Inhalation:	Remove to fresh air. Seek medical attention if the effects persist.
Skin Contact:	Rinse skin with water/shower. Wash contaminated clothing before reuse.
Eye Contact:	Irrigate eyes with generous quantities of water for 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if the effects persist.
Ingestion:	Rinse mouth. DO NOT induce vomiting. Give a glass of water to effectively dilute the product. Seek medical attention if the effects persist
Notes for the Doctor:	Treat symptomatically.
For advice, contact the Poisons Information Centre 0800 764 766 or a doctor	

Section 5: Fire Fighting Measures

Specific Hazards:	The product is not flammable. The product is non-combustible, however, the packaging material may burn to emit noxious fumes.
Suitable Extinguishing Media:	Extinguish fires with water spray, foam, carbon dioxide or dry chemical powder.

Fire-fighting advice:	Fire fighters should wear a self contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.
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Section 6: Accidental Release Measures

Emergency Procedures	Spillages are slippery. Keep spectators away – rope off the area. Avoid accidents, clean up immediately. Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination.
Methods and Materials for Containment and Clean Up	Absorb with dry earth, sand or other similar material, shovel up and dispose of in an area approved by local authority by-laws. May be safely mopped up and area washed with excess water. Residues may be safely flushed to drain, if permitted. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.

Section 7: Handling and Storage

Handling:	<ul style="list-style-type: none"> • Ensure an eye bath is available and ready for use. • Observe good personal hygiene practices and recommended procedures. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product. • Store away from foodstuffs. • Avoid eye contact.
Storage:	<ul style="list-style-type: none"> • Store in a cool area. • Keep containers tightly closed when not in use. • Inspect regularly for deficiencies such as damage or leaks. • Protect against physical damage.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:	No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).
Engineering Control Measures:	None needed
Personal Protective Equipment:	As the product is not listed as hazardous, it can cause eye irritation. Safety glasses or goggles should be worn. The use of rubber gloves is recommended for prolonged use.

Section 9: Physical and Chemical Properties

Physical state:	Mobile, foaming liquid
Colour:	Clear Brown
Odour:	Pine
Boiling/melting Point:	Not available
Specific Gravity/Bulk	S.G. 1.00
Percent Volatilise:	94% at 100°C
Vapour Pressure:	17.5mm Hg at 20°C
Flash Point (°C):	None
Flammability Limits:	None
Autoignition Temperature:	Not available

Section 10: Stability and Reactivity

Stability:	<p>Product is stable under normal conditions of use, storage and temperature.</p> <p>The product is water based and fully soluble in water. It is mildly alkaline: the pH neat is 9.5</p> <p>Do not mix with soap or amnionic detergents, as these materials deactivate the disinfecting properties of this product.</p>
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Section 11: Toxicological Information

Ingestion:	Capable of causing irritation if swallowed
Eye contact:	Capable of causing irritation
Skin contact:	The product may cause irritation on long and repeated contact.
Inhalation:	Not hazardous when vapours are inhaled

Section 12: Ecological Information

Environmental fate, persistence and degradation:	<p>Avoid contaminating waterways.</p> <p>Biodegradable</p>
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Section 13: Disposal Considerations

<ul style="list-style-type: none"> • Recycle wherever possible. Special hazard may exist - specialist advice may be required. • Consult approved Waste Management Company for disposal options. • Treat and neutralise residue at an approved site. • Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed. • Puncture containers to prevent re-use and bury at an authorised landfill. <p>Do not incinerate.</p>

Section 14: Transport Information

Road and Rail Transport:	Classified as a non - dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
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Section 15: Regulatory Information

Classification:	Non hazardous
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Section 16: Other Information

<p>.Issue Date: 11 April 2017</p> <p>Note: All information given by Space Industries Ltd is offered in good faith and is, to the best of our knowledge, true and accurate. However, since conditions of use are beyond our control, all information relevant to usage is offered without warranty or guarantee and should not be construed as a representation that the product is suitable for any particular purpose or application.</p>
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