

SAFETY DATA SHEET

GREEN PINE : DISINFECTANT /CLEANER

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name GREEN PINE
Product Code 141
Product Use Commercial grade hard surface disinfectant and deodorant cleaner
Company Name Byre Chemicals
Address 3/43 Byre Avenue
 Somerton Park SA 5044
Telephone 08 8350 9228
Fax 08 8350 9334
Emergency phone no. 0412 426 697
Email info@byrechemicals.com.au

2. HAZARDS IDENTIFICATION

GHS Classification H303 May be harmful if swallowed Category 5
 H316 Causes mild skin irritation Category 3
 H320 Causes eye irritation Category 2B

Signal Word Warning

Hazard Statement Will cause eye inflammation

Precautionary Statement

Avoid contact with skin and eyes
 Wear eye protection and rubber gloves
 Avoid inhaling mists
 If swallowed DO NOT induce vomiting. Give water or milk. Seek medical advice.
 Splashes on skin to be washed off immediately
 If splashed into eyes, remove contact lenses if present and wash with clean running water for 15 minutes. Seek medical attention.
 Keep containers tightly closed and store in a lock-up facility.

Pictograms



3. COMPOSITION /INFORMATION ON INGREDIENTS

INGREDIENTS	CAS.NO.	PROPORTION
Pine Oil	8002-09-3	1 - 10 %
Ethyl Alcohol	64-17-5	10 - 20 %
Quaternary ammonium cpd	68391-01-5	1 - 5 %
Surfactant	9016-45-9	1 - 10 %
Non hazardous ingredients		5 - 10 %
Water		Balance

BYRE CHEMICALS

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4. FIRST-AID MEASURES

INHALATION	<i>Avoid generating mists. Remove casualty from contaminated area</i>
INGESTION	<i>If swallowed Do Not induce vomiting. Give water or a glass of milk. If irritation persists, seek medical attention.</i>
SKIN	<i>If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. Wash clothing before re-use. If irritation persists, seek medical advice.</i>
EYE	<i>If in eyes, hold eyelids apart and flood the eye continuously with water for at least 10 minutes. Seek medical attention</i>
FIRST AID	<i>Eye wash , hand wash basin</i>
ADVICE TO DOCTOR	<i>Treat symptomatically. For advice contact Poisons Information Centre</i>

5. FIREFIGHTING MEASURES

Extinguishing Media	<i>Carbon dioxide, or foam</i>
Hazards from Combustion	<i>Material won't burn but may emit carbon dioxide including carbon monoxide gas.</i>
Precaution for Firefighter	<i>Wear chemical suit. Prevent run off from entering drains and waterways.</i>
Hazchem	<i>Not applicable</i>

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	<i>Keep unauthorised people away from spill.</i>
Clean Up	<i>For small spills hose down area. For large spills absorb onto an inert material such as dirt or sand and dispose of according to Waste laws.</i>

7. HANDLING AND STORAGE

Precautions for Safe Handling	<i>Avoid inhalation of vapours and mists and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists and vapours in the work atmosphere. Do not use near ignition sources.. Maintain high standards of personal hygiene ie washing hands prior to eating, drinking, smoking or using toilet facilities</i>
Conditions for Safe Storage	<i>Non hazardous. Store in a cool dry, well ventilated area out of direct sunlight. Keep containers tightly sealed</i>

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	<i>None listed</i>
Engineering Controls	<i>This product is non hazardous</i>
Eye Protection	<i>Safety glasses with side shields should be used.</i>
Hand Protection	<i>Wear gloves of impervious material such as neoprene, or nitrile rubber.</i>
Hygiene Measures	<i>Avoid contact with skin, eyes and clothing Wash hands after handling product. Keep away from foodstuffs.</i>

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	<i>Clear green liquid</i>
Odour	<i>Pine fragrance</i>
pH	<i>7.5</i>
Boiling Point	<i>100C</i>
Vapour Pressure	<i>23hPa at 20C</i>
Flash Point	<i>None</i>
Specific Gravity	<i>1.00</i>
Solubility in Water	<i>Miscible in all proportions.</i>

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. GREEN PINE : DISINFECTANT/CLEANER**10. STABILITY AND REACTIVITY**

<i>Chemical Stability</i>	<i>Stable under normal conditions of storage and handling</i>
<i>Conditions to avoid</i>	<i>Excess heat exposure to air</i>
<i>Incompatible materials</i>	<i>Detergents and soap will deactivate the active sanitiser.</i>
<i>Hazardous decomposition</i>	<i>Thermal decomposition may result in release of irritating fumes including carbon dioxide .</i>
<i>Hazardous polymerization</i>	<i>Will not occur</i>

11. TOXICOLOGICAL INFORMATION

<i>Ingestion</i>	<i>Harmful if swallowed. May cause nausea, vomiting, abdominal pain and diarrhoea.</i>
<i>Eyes</i>	<i>Irritating to eyes causing redness and dryness. Rinse eyes promptly.</i>
<i>Skin</i>	<i>May cause irritation if splashes on skin are not washed off immediately</i>
<i>Carcinogenic</i>	<i>No evidence of carcinogenic properties</i>
<i>Chronic Effects</i>	<i>Repeated or prolonged skin contact may cause dermatitis.</i>
<i>Toxicological Data</i>	<i>Quaternary Ammonium Cpd Oral LD50 350mgm/kg (Rat) Surfactant 2000 – 2700 mg/kg (Rat)</i>

12. ECOLOGICAL INFORMATION

<i>Ecotoxicity</i>	<i>No data available</i>
<i>Persistence/Degradability</i>	<i>Surfactants are biodegradable .</i>
<i>Bioaccumulative Potential</i>	<i>No data available</i>
<i>Environmental</i>	<i>Do not discharge into drains, sewers, waterways</i>

13. DISPOSAL CONSIDERATIONS

<i>Spills & Disposal</i>	<i>Disposal of small spillages only. For large spillages liquids should be contained using sand or earth and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages.</i>
<i>Disposal</i>	<i>Land fill, sewer (small quantities). Refer to Land Waste Management Authority in your State</i>

14. TRANSPORT INFORMATION

<i>Proper Shipping Name</i>	<i>None allocated</i>
<i>UN.NO.</i>	<i>None allocated</i>
<i>Packaging Group</i>	<i>None allocated</i>
<i>Hazchem Code</i>	<i>None allocated</i>
<i>DG Class</i>	<i>None allocated</i>

15. REGULATORY INFORMATION

<i>Hazard Category</i>	<i>Non hazardous</i>
<i>Safety Statement</i>	<i>Not classified as a scheduled poison</i>

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16. OTHER INFORMATION

**Preparer Signature
Contact**

**Technical Director
Telephone: 08 8350 9228
24 hour emergency number 0412 426 697**

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