

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Title:** Coles Reliance Hospital grade disinfectant Pine  
**Sub Title:** Hospital grade disinfectant  
**APN's/PLU's:** 9300601175321  
**Item Code:** 8688013  
**Brand:**  
**Manuf. Product Code:** F4404  
**Recommended Use:** Use undiluted or diluted with water at 1:20 to clean and disinfect hard surfaces.  
**States Supplied:** National  
**Supplier Vendor ID:** 9317144000003



### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** NON-DANGEROUS GOODS, HAZARDOUS SUBSTANCE  
**Risk Phrase(s):** R22 Harmful if swallowed, R36 Irritating to eyes, R38 Irritating to skin  
**Safety Phrase(s):** S02 Keep out of the reach of children  
S24 Avoid contact with skin  
S25 Avoid contact with eyes  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek  
S46 If swallowed, seek medical advice immediately and show this container or label

### 3. COMPOSITIONS/INFORMATION ON INGREDIENTS

#### Ingredients

Chemical Name	Proportion	CAS No	INCI Name
Water	to 100%	7732-18-5	
Clouding Quat 158	5.775%		
Tetrapotassium pyrophosphate	1.0%	7320-34-5	
Pine Oil Aromatic	0.30%	8002-09-3	
Chocolate Brown HT	0.003%	4554-89-3	
Brilliant Blue FCF	0.0026%	3844-45-9	
Tartrazine	0.0022%	1934-21-0	

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### 4. FIRST AID MEASURES

**Swallowed:**

If a minor amount has been swallowed, then if conscious, dilute stomach contents by giving large amounts of water. Seek medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

**Eye:**

Flush eye with water for a minimum of 15 minutes, keep moving the eyes to ensure complete flushing. Seek medical attention promptly if irritation persists or loss of vision occurs.

**Skin:**

Immediately remove contaminated clothing. Wash contaminated skin with water. Seek medical attention if irritation persists. Launder contaminated clothing before re-use.

**Inhaled:**

Remove promptly to fresh air. If there are signs of drunkenness ( intoxication or inebriation ) or if respiratory irritation, dizziness, nausea unconsciousness occurs, seek immediate medical attention. Treat unconsciousness by placing the person in the coma position. Apply artificial respiration if breathing stops.

**Facilities:**

NA

**Advice To Doctor:**

Alkaline solution containing Quaternary Ammonium Compound

### 5. FIRE FIGHTING FIRST AID MEASURES

**Flammability:**

Not Combustible

**Explosion Hazard:**

NA

**Suitable Extinguishing Media:**

Use water to cool exposed containers. If safe to do so, remove containers from path of fire. For major fires or where atmosphere is Oxygen deficient or contains unacceptable levels of combustion products.

**Precautions for fire fighters and special protective equipment:**

Firefighters must wear self-contained breathing apparatus with full-face mask and protective clothing. Prevent spillage from entering drains or water courses.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:**

Wear appropriate personal protective equipment to prevent skin and eye contamination . Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Mop up the solution. Wash the cleaned up area with water and mop up to remove all traces of product. Ensure the area is safe before allowing personnel to return to the work area. Prevent spillage from entering drains or water courses. Liquid can be collected with absorptive materials such as sand, soil, or diatomaceous earth.

**Methods and Materials for Containment and Cleanup:**

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Contain and recover product when possible. Collect product in an appropriate container and place in a chemical waste container. Collected empty containers can be disposed of through local council waste removal services.

### 7. HANDLING AND STORAGE

#### Precautions for Safe Handling:

Protect against physical damage. Make certain the containers are well sealed when not in use.

#### Conditions for Safe Storage Including Any Incompatibilities:

Store in a cool, dry well ventilated location. Keep containers closed at all times.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### National Exposure Standards:

No Exposure Standards have been assigned by the National Occupational Health and Safety Commission for any components of this product

#### Biological Limit Values:

None allocated. Quaternary Ammonium Compounds are known to be Very Toxic to Aquatic Organisms. Prevent solution from entering drains or water courses.

#### Engineering Controls:

Use only in well-ventilated areas

#### Personal Protective Equipment:

Safety eyewear and gloves to protect from exposure.

Eye Protection - Chemical safety goggles or safety glasses with side shields. Maintain eye wash fountain and drench facilities in the work area.

Skin Protection - Impervious protective clothing (gloves, lab coat, apron or coveralls, as appropriate) to prevent skin contact. Neoprene and Nitrile Rubber are recommended materials.

Respiratory Equipment – None required under normal circumstances if engineering, storage and handling controls are adequate.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Plastic container containing coloured and fragranced liquid
<b>Odour:</b>	Characteristic Pine odour
<b>pH:</b>	10
<b>Vapour Pressure:</b>	low
<b>Vapour Density:</b>	Not Applicable
<b>Boiling Point/Range:</b>	About 100 deg C
<b>Freezing Point:</b>	Not Applicable
<b>Melting Point:</b>	Not Applicable
<b>Solubility:</b>	Completely soluble in water
<b>Specific Gravity:</b>	About 1.0

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**Other Properties:** Not Applicable

### *Information for Flammable Materials*

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**Flash Point:** >100 deg C tag closed cup

**Flammable Limits in Air:** Not Applicable

**Ignition temperature:** >200 deg C

## 10. STABILITY AND REACTIVITY

**Chemical Stability:**

Stable

**Conditions to Avoid:**

Spills and release into the sewers and water courses

**Incompatible Materials:**

Do not mix with detergents or other chemicals

**Hazardous Decomposition Materials:**

Soot, Carbon Dioxide, Carbon Monoxide

**Hazardous Reactions:**

Will not polymerize

## 11. TOXICOLOGICAL INFORMATION

### *Acute Health Effects:*

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**Swallowed:**

Minor quantities may cause minor throat irritation and vomiting. Large quantities may cause stomach pains, cramps, nausea and vomiting.

**Eye:**

The solution is irritating to the eyes. Direct eye contact with the product may cause eye irritation, including pain and redness.

**Skin:**

Brief exposure to liquid is not irritating but prolonged contact (eg clothing saturated with the product) can be irritating.

**Inhaled:**

Mild irritation to the nose, throat and upper respiratory tract can occur with prolonged exposure.

### *Other Toxicological Information:*

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**Chronic Health Effects:**

Not listed as carcinogen

**Possible Routes of Exposure:**

Not Applicable

**Dose, Concentration or Conditions of Exposure Likely to Cause Injury:**

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Prolonged or repeated skin contact may result in dermatitis due to de-fatting

**Delayed Effects:**

Not Applicable

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Toxicity to fish and other aquatic organisms. No specific data available.

**Persistence and Degradability:**

Degree of elimination >90% (solution only)

**Mobility:**

No data is available on mobility in soil

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods, Including Disposal of Containers:**

Collect residue for recovery, recycling or as a waste material. Dispose of container and unused contents in accordance with Federal, State and Local Government requirements. Empty container and lid can be recycled as per local council waste recycling regulations. Product must not be disposed of to the sewerage system, drains or waterways.

**Special Precautions for Landfill or Incineration:**

Not Applicable

### 14. TRANSPORT INFORMATION

**UN Number:** Not Applicable

**UN Proper Shipping Name:** Not Applicable

**Class and Subsidiary Risks:** Not Applicable

**Packing Group:** Not Applicable

**Special Precautions for User:** Not to be stored with explosives, flammable gases in bulk, poisonous gases, spontaneously combustible substances, oxidizing agents, organic peroxides or radioactive substances.

**Hazchem Code:** Not Applicable

### 15. REGULATORY INFORMATION

**Poisons Schedule No:** Not Scheduled

**Other Regulations:** Not Applicable

### 16. OTHER INFORMATION

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### Literature and References

Australian Government - National Occupational Health and Safety Commission Web Site [www.nohsc.gov.au](http://www.nohsc.gov.au)

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011 (2003)]

National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

List of Designated Hazardous Substances [NOHSC:10005(1999)]

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)] 3rd Edition

Storage and Handling of Workplace Dangerous Goods [NOHSC:2017(2001)]

Australian Government – Department of Transport and Regional Services Web Site

<http://www.dotars.gov.au/index.htm> <http://www.dotars.gov.au/transreg/dgoods.htm>

ADG Code based on the 'UN Recommendations on the Transport of Dangerous Goods - Model Regulations'

Australian Government – Attorney-General's Department

ROAD TRANSPORT REFORM (DANGEROUS GOODS) ACT 1995

<http://scaleplus.law.gov.au/html/pasteact/2/1187/top.htm>

NOHSC Online Hazardous Substances Information System <http://www.nohsc.gov.au/applications/hsis/>

Australian Standards AS 1940-1993 The storage and handling of flammable and combustible liquids

United Nations ADN 2005 (The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways )

<http://www.unece.org/trans/danger/adnreg2005.html>

United Nations ADR 2005 (The European Agreement concerning the International Carriage of Dangerous Goods by Road )

[http://www.unece.org/trans/danger/publi/adr/adr\\_e.html](http://www.unece.org/trans/danger/publi/adr/adr_e.html)

UN Recommendations on the Transport of Dangerous Goods. Model Regulations. Thirteenth revised edition.

[http://www.unece.org/trans/danger/publi/unrec/rev13/13files\\_e.html](http://www.unece.org/trans/danger/publi/unrec/rev13/13files_e.html)

Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:3008(1995)] 3rd Edition (Updated for Amendments)

<http://www.nohsc.gov.au/OHSInformation/NOHSCPublications/fulltext/docs/h3/34.htm>

Australian Inventory of Chemical Substances

<http://www.nicnas.gov.au/obligations/aics/>