



Products for Plants

ABN 84 100 473 309

EMERGENCY TELEPHONE
(All Hours) 1800 033 111

MATERIAL SAFETY DATA SHEET

AGRICROP STERI-MAX BIOCIDES

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

Product Name: Agricrop Steri-max Biocide
UN Number: None Allocated
Supplier: Agricrop Pty Ltd
ABN: 84 100 473 309
Street Address: 255 Port Rd
Hindmarsh, SA 5007
Telephone: 07 3348 4113
Facsimile: 07 3348 2702

Emergency Telephone Number: 1800 033 111 (all Hours)

Recommended Uses: Broad spectrum sanitation and water treatment solution for use in agriculture & horticulture

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical entity	CAS No	Proportion
didecyl dimethyl ammonium chloride	7173-51-5	120 g/L

3. HAZARD IDENTIFICATION

Classified as hazardous according to criteria of Worksafe Australia.

Dangerous Goods Class: None Allocated
HAZCHEM Code: None Allocated
Poisons Schedule: S 6

Risk Phrases:

R34 Causes burns

Safety Phrases:

S2 Keep out of reach of children
S13 Keep away from food, drink and animal feeding stuffs
S26 In case of contact with eyes, rinse immediately with water and seek medical advice
S36/37 Wear suitable gloves and protective clothing
S39 Wear eye/face protection
S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)



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4. FIRST AID MEASURES

FIRST AID

SWALLOWED: If swallowed, DO NOT induce vomiting. Give 3 - 4 glasses of milk or water, then raw egg. If vomiting does occur, give fluids again. Get medical attention to determine if vomiting or evacuation of stomach is necessary.

EYE: Immediately flush with plenty of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. If irritation persists, get medical attention.

SKIN: Remove contaminated clothing immediately. Wash skin immediately with plenty of soap and water.

INHALED: If inhalation of mists causes irritation of the nose or throat, remove to fresh air. Get medical attention if irritation continues or if breathing difficulty develops.

FIRST AID FACILITIES

Eye wash station.

ADVICE TO DOCTOR

Treat symptomatically. Possible mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLAMMABILITY: Not flammable under conditions of use.

Extinguishing Media: CO₂, dry powder, foam or water.

Special Fire Fighting

Procedures: None required. Contain run-off to prevent entry into water or drainage systems.

Unusual Fire and Explosion Hazards: Possible dangerous reactions with strong oxidising agents.

6. ACCIDENTAL RELEASE MEASURES

SPILLS

Use personal protective equipment as outlined above.

Spills should be contained and absorbed with inert absorbent materials. Place contaminated absorbent in a plastic-lined metal drum and dispose of in accordance with disposal regulations. Liquid spills that soak into the ground should be dug up and disposed of with contaminated absorbent.

Leaking containers should be separated from intact containers and either the or its contents transferred to a plastic-lined drum. Dispose of leaking container in accordance with disposal regulations.

7. HANDLING AND STORAGE

Storage:

Store in original container, tightly sealed, in a safe place away from seeds, fungicidal and insecticidal sprays or fertilisers so that cross-contamination cannot occur.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS

None allocated.

ENGINEERING STANDARDS

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Provide ventilation to minimise exposure. If mists are generated, their concentration in the workplace air should be controlled to the lowest reasonably practicable level.

PERSONAL PROTECTION

Avoid contact with eyes and skin.

When preparing the product for use, wear rubber gloves and safety glasses with side shields.

Wash hands after use. After each day's use, wash gloves, glasses and contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour:	Clear, colourless, foaming liquid, slight bitter odour
Form:	Liquid
Melting/softening point:	< 0°C
Specific Gravity:	1.02 @ 200C
Boiling point:	No data
Vapour pressure:	No data
Flashpoint:	None
Flammability Limits:	No data
Autoignition Temp.:	
Solubility in water:	Soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Not compatible with concentrated anionic compounds or with strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS: None known

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are:

HEALTH EFFECTS

ACUTE:

SWALLOWED: Practically non-toxic. Product Oral LD50 (rat) > 2,000 mg/kg

Ingestion may cause immediate burning pain in the mouth, throat and abdomen, and swelling of the larynx.

EYE: Eye contact may cause severe irritation.

SKIN: Skin contact may cause slight irritation.

INHALED: May cause irritation to mucosal surfaces.

CHRONIC:

Skin and eye contact are expected to be the primary routes of occupational exposure.

Overexposure will not aggravate existing conditions. Occupational exposure to this material has not been reported to cause significant adverse human health effects when used as recommended.

Didecyl dimethyl ammonium chloride is not mutagenic or teratogenic.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Not hazardous to birds. Moderately toxic to aquatic organisms.



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13. DISPOSAL CONSIDERATIONS

Triple or (preferably) pressure rinse empty containers before disposal. Add rinsings to dipping tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Do not contaminate waterways, foodstuffs, feed or seed with the product or the used container.

14. TRANSPORT INFORMATION

Not classed as a Dangerous Good by the Australian Code for the Transport Of Dangerous Goods By Road And Rail. Store in the closed, original container in a cool, dry, well-ventilated area out of the reach of children and animals. Do not store in direct sunlight. Do not re-use the container for any purpose.

15. REGULATORY INFORMATION

Packaging and Labelling;
CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

The product has been assessed according to the Worksafe criteria for classifying hazardous substances and is classified as hazardous:

Risk Phrases:

R34 Causes burns

Safety Phrases:

S2 Keep out of reach of children
S13 Keep away from food, drink and animal feeding stuffs
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16. OTHER INFORMATION

All due care and skill, so far as practicable, has been applied in the preparation and collation of the information in this MSDS. Each user of the Product named in this MSDS should read and consider the information contained in this MSDS in the context of how the Product will be stored, handled, used or applied in the workplace. In all circumstances, it is the responsibility of the user of the Product to



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ensure that they have sought out the relevant safety data appropriate to their particular situation. Nothing contained in this MSDS shall be construed as a representation or recommendation to the user about the suitability or otherwise of the Product named in this MSDS for the user's particular situation. If the user requires any clarification or further information, the user should contact Agricrop.

CONTACT POINT:

Agricrop Pty Ltd
255 Port Rd
Hindmarsh SA 5007

Telephone: 07 3348 4113 - Facsimile: 07 3348 2702

National Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)

Please read all labels carefully before using product.