

Material Safety Data Sheet

Version: 2.0
Revision Date: 14.01.2013

1. Identification of material and supplier

Product details:

Trade name: Premier Klercide-CR Sterile Biocide S
Recommended use: Surface Disinfectant
Supplier: ECOLAB PTY LTD (A.B.N. 59 000 449 990)
2 Drake Avenue, Macquarie Park NSW 2113

E-mail address of the competent person responsible for the Safety Data Sheet:

EUR-UK-SHIELD-MSDS@ecolab.com

Emergency information:

Emergency Number: 02801 44558

2. Hazards identification

Hazards Identification:

HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.



Xn, Harmful
N, Dangerous for the environment

Risk Phrases

R22 Harmful if swallowed.
R36/37 Irritating to eyes and respiratory system.
R31 Contact with acids liberates toxic gas.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

S2: Keep out of the reach of children.
S8: Keep container dry.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S41: In case of fire and/or explosion do not breathe fumes.

Poisons Schedule

Not a scheduled poison
(Standard for the Uniform Scheduling of Drugs and Poisons No. 23)

Classification system:

Hazard classification according to the criteria of NOHSC [NOHSC:1008(2004)]
Dangerous goods classification according to the Australia Dangerous Goods Code.



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www.cleanroom.com.au

3. Composition/information on ingredients

Chemical characterization

Description Aqueous solution.

Components	CAS	Weight %	Classification
Troclosene sodium	2893-78-9	50 - 100	E, R2 - O, R8; Xn, R22 - Xi, R36/37R31 N, R50/53
Adipic acid	124-04-9	20 - 25	Xi, R36
Sodium carbonate	497-19-8	2 - 5	Xi, R36

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4. First aid measures

General information:	Immediately remove any clothing contaminated by the product. Personal protection for the person providing first aid.
After inhalation:	Move exposed person to fresh air. Get medical attention.
After skin contact:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. In the event of any complaints or symptoms, avoid further exposure. Get medical attention if symptoms occur.
After eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention.
After swallowing:	Rinse out mouth and then drink plenty of water. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.
Advice to Doctor:	Treat according to symptoms.

5. Fire fighting measures

Suitable extinguishing agents:	In case of fire, use water spray (fog), foam, dry chemical or CO ₂ . This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
For safety reasons unsuitable extinguishing agents:	None known
Protective equipment:	Wear self-contained breathing apparatus and full protective clothing along with protective equipment.
Hazchem Code:	Not regulated.

6. Accidental release measures

Emergency procedure:	
Person-related safety precautions:	Wear protective clothing and keep away unprotected persons. Ensure adequate ventilation.
Measures for environmental protection:	Do not allow to enter drainage system, surface or ground water. Prevent material from reaching sewage system, holes and cellars.
Methods and materials for containment and clean up:	Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable containers. Dispose of the material collected according to regulations.

7. Handling and storage

Precautions for safe handling:	
Information for safe handling:	Do not ingest. Avoid contact with eyes, skin and clothing. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep away from acids. After handling, always wash hands thoroughly with soap and water.
Information about protection against explosions and fires:	No special measures required.
Conditions for Safe Storage:	
Requirements to be met by storerooms and containers:	Observe all local and national regulations for storage of water polluting products.

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Information about storage in one common storage facility: Store away from foodstuffs. Do not store together with acids.

Further information about storage conditions: Keep container tightly sealed. Store in cool, dry conditions. Protect from frost. Store container in a well-ventilated position.

8. Exposure controls / personal protection

National Exposure Standards

No exposure standard has been established for this product by the Australian National Occupational Health and Safety Commission (NOHSC).

Components with critical values that require monitoring at the workplace:

None.

Biological Limit Values

No information available on biological limit values.

Engineering Controls

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protection equipment

RESPIRATOR: Wear an approved P1 respirator where dusts/vapours are formed (AS/NZS1715/1716).

EYES: Chemical safety goggles (AS1336/1337).

HANDS: Wear PVC gloves (AS2161).

CLOTHING: Impervious coveralls and safety footwear (AS3765/2210).

9. Physical and chemical properties

Appearance:	Solid
Colour:	White
Odour:	Chlorine
Melting point/Melting range:	No information available
Boiling point/Boiling range:	No information available
Flash point:	>100°C
AutoFlammability:	No information available
Danger of explosion:	No information available
Relative density:	No information available
pH:	4.5 – 7.5 (1% in water)
Solubility in / Miscibility with Water:	Soluble

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10. Stability and reactivity

Chemical Stability

Product is stable under directed conditions of use, storage and temperature.

Conditions to Avoid

Avoid excessive heat, generating dust, direct sunlight, static discharges, moisture and high temperatures.

Incompatible Materials

Acids.

Hazardous Decomposition Products

No data available.

Hazardous Reactions

No data available.

11. Toxicological information

Potential acute health effects

Inhalation:	Irritating to respiratory system.
Ingestion:	Harmful if swallowed.
Skin contact:	No known significant effects or critical hazards.
Eye contact:	Irritating to eyes.

12. Ecological information

Ecotoxicity

Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

Mobility:

Soluble in water.

Persistence and degradability:

The ecological evaluation of the product is based on data from the raw material and/ or comparable substances. The total of the organic components contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability - threshold values for 'readily degradable (e.g. to OECD method 301).

Bioaccumulative potential:

No information available.

Other adverse effects:

No information available.

13. Disposal considerations

Disposal

Disposal must be made in accordance with all local, state and federal regulations.

Special Precautions for Land Fill or Incineration

Waste disposal key numbers from EWC (European waste catalogue) : 200129

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14. Transport information

Land transport ADG:

ADG Class: 9
UN Number: 3077
Label: 9
Packing Group: III
Designation of goods: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (Trosclosene sodium)

Maritime transport IMDG-Code:

IMDG Class: 9
UN Number: 3077
Label: 9
Packing Group: III
Marine pollutant: Yes
Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (Trosclosene sodium)

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 9
UN/ID Number: 3077
Label: 9
Packing Group: III
Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (Trosclosene sodium)

15. Regulatory information

Poisons Schedule Not a scheduled poison (Standard for the Uniform Scheduling of Drugs and Poisons No. 23)

16. Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant R phrases:

R-phrases are those of the ingredients and do not necessarily represent the classification of the preparation.

R2 Risk of explosion by shock, friction, fire or other sources of ignition.

R8 Contact with combustible material may cause fire.

R22 Harmful if swallowed.

R36 Irritating to eyes.

R36/37 Irritating to eyes and respiratory system.

R31 Contact with acids liberates toxic gas.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.