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Date prepared: April 2002
MATERIAL SAFETY DATA SHEET
(Sheet No. 014B)

Hazardous according to criteria of Worksafe Australia.
R: 34 Causes burns.
S: 24/25 Avoid contact with skin and eyes.

IDENTIFICATION

Product Name: **Elimin-8**
Chemical Name: Disinfectant/surfactant solution.
Manufacturer's Code:
UN Number: 1760 Corrosive liquid n.o.s.
DG Class: 8 Corrosive.
Packaging Group: III
Subsidiary Risk(s): None.
Hazchem Code: 2 X
EPG No. : 8A1
Poisons Schedule: S5 Quaternary ammonium compounds > 5 %
Uses: As a surface disinfectant in hospitals. Use diluted
as directed on the product label.

PHYSICAL DESCRIPTION & PROPERTIES

Appearance: Clear, almost colourless, mobile, frothing
liquid.
Miscible with water in all proportions.
pH about neutral.
Boiling Point: 100 °C
Melting Point: No data.
Vapour Pressure: 23 hPa @ 20 °C
Volatiles: 82 %
Evaporation Rate: No data.
Odour: Almost odourless.
Vapour Density: No data.
Weight per ml.: About 1 g
Flash Point: None.
Flammability Limits: None.
Auto-ignition Temperature: No data.
Other Properties: Incompatible with anionic surfactants. May
react with oxidising agents. Slippery when spilled.

Ingredients

Quaternary ammonium compound	10 - 30 %
Other ingredients	< 10 %
Water	[7732-18-5] to 100 %

HEALTH HAZARD INFORMATION

Health Effects:

No data available for the mixture. Information presented

relates to individual ingredients.

Acute: Swallowed: Corrosive. Harmful. May cause gastric upset with nausea, vomiting and diarrhoea.

Skin: Mildly corrosive. Will have a degreasing effect on the skin which may lead to irritation.

Eyes: Corrosive or irritant. May cause tissue damage.

Inhaled: An unlikely route owing to the non-volatile nature of ingredients. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis.

Chronic: Prolonged or repeated skin contact may cause chemical burns, or lead to dermatitic effects, especially in sensitive individuals.

LD 50 : Quaternary ammonium compound 300 mg/kg oral, rat
Other ingredient #1 5,000 mg/kg oral, rat

First Aid:

If poisoning occurs, contact a doctor or Poisons Information Centre.

Phone: 131126

Swallowed: If swallowed, do NOT induce vomiting. Give a glass of water.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

Eyes: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Inhaled: Remove from exposure.

First Aid Facilities

Recommended: Eye wash. Hand wash basin.

Advice to Doctor

Product contains more than 10 % of a quaternary ammonium compound. May cause burns. Contact Poisons Information Centre.

PRECAUTIONS FOR USE

Exposure Limits: [NOHSC]

TLV-TWA: None assigned.

TLV-STEL: None assigned.

[NOHSC] - National Occupational Health & Safety Commission
(Worksafe Australia)

Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using.

Personal Protection:

Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Safety glasses

Gloves, rubber or plastic

Overalls.

Flammability:

Not flammable.

SAFE HANDLING INFORMATION

Storage & Transport:

Storage Temperature: Room temperature.
 UN Class: 8 Corrosive.
 Packaging Group: III
 UN Number: 1760 Corrosive liquid n.o.s.
 EPG Number: 8A1
 Correct Shipping Name: Corrosive liquid n.o.s.
 (Quaternary ammonium compound solution.)

Observe requirements of The Australian Code for the Transport of Dangerous Goods by Road and Rail.

Observe the requirements of state Dangerous Goods (Storage & Handling) Regulations.

Observe requirements of the Standard for the Uniform Scheduling of Drugs and Poisons.

Storage Advice: Store in a cool, well ventilate place, out of reach of children. Large quantities should be stored in a bunded dangerous goods store. Keep away from oxidising agents, caustic alkalis and anionic surfactants. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

Spills & Disposals:

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. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition.

CARE! Spillages will be slippery.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water.

Fire/Explosion Hazard:

Not a fire hazard.

Not an explosion hazard.

Decomposition Products:

Water vapour, carbon dioxide, hydrogen chloride, oxides of nitrogen.

In case of small fire/explosion use: Water.

In case of major emergency:

HAZCHEM CODE: 2 X
 Extinguishant: Water fog or fine water spray.

Danger of violent reaction or explosion? No.

Protective Clothing: Full protective clothing including breathing apparatus and protective gloves.

Appropriate Measures: Contain.

Evacuate? No.

Other Information:

Product is an effective biocide. Prevent undiluted spills from entering sewage treatment systems. Prevent spills from entering natural waters or the environment. Quaternary ammonium compounds

are very toxic to aquatic organisms.

Contact Point: Mr. Kent Hateley, Hunters Products (Tas) Pty Ltd.,
60 Gleadow Street, INVERMAY TAS 7248

Telephone: (03) 6331 4755

24 Hour Emergency Tel. No.: Not available

Emergency Services: Dial 000