

HUNTERS PRODUCTS (TAS) PTY. LIMITED  
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Date prepared: June 2002  
MATERIAL SAFETY DATA SHEET  
(Sheet No. 109A )

Hazardous according to criteria of Worksafe Australia.  
R: 36/38 Irritating to skin and eyes.  
S: 37/39 Wear suitable gloves and eye/face protection.

IDENTIFICATION

**Product Name: Liquid Laundry Detergent**

Chemical Name: Alkaline aqueous surfactant mixture.

Manufacturer's Code:

UN Number: None assigned.  
DG Class: None.  
Packaging Group: None.  
Subsidiary Risk(s): None.  
Hazchem Code: None.  
EPG No. : None.  
Poisons Schedule: S5 Alkaline salts, sodium hydroxide.  
Uses: As a liquid laundry detergent. Use as directed on  
the product label.

PHYSICAL DESCRIPTION & PROPERTIES

Appearance: Clear, blue, mobile, frothing liquid.  
Miscible with water in all proportions.  
pH very alkaline.  
Boiling Point: About 100 °C  
Melting Point: No data.  
Vapour Pressure: About 23 hPa @ 20 °C  
Volatiles: About 71 %  
Evaporation Rate: No data.  
Odour: Slight surfactant odour.  
Vapour Density: No data.  
Weight per ml.: About 1.0 - 1.1 g.  
Flash Point: None.  
Flammability Limits: None.  
Auto-ignition Temperature: No data.

Other Properties: Very alkaline. May react vigorously or  
violently with acids. May react with strong oxidising  
agents. Slippery when spilled.

Ingredients

Alkaline salts		< 10 %
Sodium hydroxide	[1310-73-2]	< 5 %
Mixed surfactants		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:** Mildly corrosive to mouth, throat and stomach. Likely to cause gastric upset with nausea, vomiting and possible diarrhoea. An aspiration risk.

**Skin:** Irritant. Will have a degreasing effect on the skin which may lead to further irritation.

**Eyes:** Moderate irritant to mildly corrosive. Possible risk of damage to the eyes.

**Inhaled:** An unlikely route owing to the low volatility of ingredients. Aspiration into the lungs during swallowing or vomiting may lead to chemical pneumonitis and serious lung injury.

**Chronic:** Repeated skin contact may lead to dermatitic effects and skin damage.

**LD50 :**

Alkaline salt	No data.
Other ingredient #1	3,120 mg/kg oral, rat.
Surfactant #1	2,500 mg/kg oral, mouse.

**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. Wash clothing before re-use.

**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 is an alkaline solution of mixed surfactants. May be mildly corrosive to mucous membranes. Vomiting should not have been induced because of risk of aspiration into the lungs. Contact Poisons Information Centre.

**PRECAUTIONS FOR USE**

**Exposure Limits:** [NOHSC]

**TLV-TWA:** Sodium hydroxide 2 mg/m<sup>3</sup> [Peak]

TLV-STEL: None assigned.

[Peak] indicates a ceiling concentration which should not be exceeded, even momentarily.

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

Engineering Controls:  
None usually required.

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:-

Domestic use:  
Eye/face protection  
Gloves, rubber or plastic.

Industrial quantities:  
Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Overalls.

Flammability:  
Not flammable.

## SAFE HANDLING INFORMATION

Storage & Transport:

Storage Temperature:	Room temperature.
UN Class:	None.
Packaging Group:	None.
UN Number:	None assigned.
EPG Number:	None.
Correct Shipping Name:	Liquid laundry detergent.

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

Storage Advice: Store in a cool, well ventilated place, out of reach of children. Large quantities should be stored in a bunded area. Store in original container. Keep container tightly closed. Keep away from acids and oxidising agents. 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.  
May react vigorously or violently with strong acids.

## Decomposition Products:

Carbon dioxide, water vapour, oxides of phosphorus, traces of oxides of nitrogen and oxides of sulphur.

In case of small fire/explosion use: Water.

## In case of major emergency:

HAZCHEM CODE:	None.
Extinguishant:	Water.
Danger of violent reaction or explosion?	No.
Protective Clothing:	Breathing apparatus and protective gloves for fire only.
Appropriate Measures:	Dilute.
Evacuate?	No.

## Other Information:

Prevent spillages from entering natural waters or the environment.

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