

# SHORE DET

## Identification

Product identifier:	Shore Det	Product Code:	SHOREDET
Other means of identification:	N/A		
Recommended use and restrictions on use:	Liquid laundry detergent. Use in accordance with the directions on product label.		
Supplier:	True Blue Chemicals		
Street Address:	2/1 Endeavour Road Caringbah NSW 2229	Postal Address:	PO Box 334 Caringbah NSW 1495
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**Emergency Phone No - 13 11 26 - Poisons Information Centre**

## Section 1. Hazards Identification

Not classified as hazardous according to the criteria of Safe Work Australia (SWA).

Not classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail, Edition 7.3.

## Section 2. Composition and Information on Ingredients

Chemical Name	CAS Number	Percentage (%)
2-Butoxyethanol	111-76-2	1 - 10
Other ingredients determined not to be hazardous or below concentration cut-off		to 100

## Section 3. First Aid Measures

**Swallowed:** Rinse mouth with plenty of water. Give water to drink. If symptoms develop seek medical advice.

**Eye Contact:** Rinse with water. If irritation develops seek medical advice.

**Skin Contact:** Rinse with water. If skin irritation develops seek medical advice.

**Inhalation:** If symptoms develop seek medical advice.

**Symptoms caused by exposure:** None known.

**Medical attention and special treatment:** No special treatment required. Treat symptomatically.

## Section 4. Fire Fighting Measures

**Suitable extinguishing equipment:**

Not flammable. Use extinguishing media suitable for surrounding fire.

**Specific hazards arising from the chemical:**

None known.

**Special protective equipment and precautions for fire fighters:**

Firefighters should wear appropriate personal protective equipment for surrounding fire. Remove from the vicinity containers not involved in the fire.

## Section 5. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:**

Avoid contact with eyes. Wear appropriate Personal Protective Equipment when cleaning up spills.

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**Environmental precautions:**

Avoid release into drains without dilution.

**Methods and materials for containment and cleaning up:**

For small spills contain using sand or soil - prevent run off into drains or waterways.

### Section 6. Handling and Storage

**Precautions for safe handling:**

When using, do not eat, drink or smoke.

**Conditions for safe storage, including incompatibilities**

Store in a cool, well ventilated place out of direct sunlight. Keep containers closed at all times - check regularly for spills.

### Section 7. Exposure Controls and Personal Protection

**National Exposure Standards:** An occupational exposure standard (OEL) has not been established for the product. The following components have been listed with an OEL as per Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants.

Ingredient Name	CAS No	TWA (ppm)	TWA (mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )
2-Butoxyethanol*	111-76-2	20	96.9	50	242

\* Absorption through the skin may be a significant source of exposure.

**Engineering Controls:**

Natural ventilation should be adequate under normal use conditions. Avoid generating and inhaling mist and vapour. Keep containers closed when not in use.

**Individual Protection Measures:**

Eye and face protection	Not normally needed.
Skin protection	Not normally needed.
Respiratory protection	Not normally needed. If significant dusts are generated, use an appropriate respirator in accordance with AS/NZS 1715 and AS/NZS 1716.

### Section 8. Physical and Chemical Properties

Appearance:	Liquid	Colour:	Blue
Odour:	Floral	Boiling Point (°C):	Not established
Vapour Pressure:	Not established	Specific Gravity:	1.00
Flashpoint (°C):	Not flammable	Flammability:	Not flammable
Water Solubility:	Complete	pH:	7.0 - 8.0
Auto-ignition Temperature:	Not flammable	Viscosity:	Not established
Relative Density:	Not established	Evaporation Rate:	Not established
Vapour Pressure	Not established	Melting Point/Freezing Point(°C):	Not established
Partition Coefficient: n-octanol/water	Not established	Upper/Lower Flammability or Explosive Limits:	Not flammable

### Section 9. Stability and Reactivity

Reactivity:	Not reactive.
Chemical Stability:	Stable under normal ambient storage conditions.
Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.

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**Conditions to Avoid:** Avoid high temperatures (store below 30°C) and direct sunlight. Protect against physical damage.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** None known.

### Section 10. Toxicological Information

**Information on Route of Exposure**

**Acute Toxicity:**

**Ingestion:** Swallowing in small amounts is unlikely to cause any adverse effects. Larger doses may cause gastro-intestinal irritation, nausea and vomiting.

**Eye Contact:** No effects known.

**Skin Contact:** No effects known.

**Inhalation:** No effects known.

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitisation:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (STOT) - Single Exposure:** Not classified

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:** Not classified

**Aspiration Hazard:** Not classified

**Immediate, Delayed and Chronic Health Effects From Exposure:** None known.

**Other Information:** None known

### Section 11. Ecological Information

**Ecotoxicity:** No test data available.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** Negligible sorption to soil/sediment, rapid migration to ground water (Estimated Log K<sub>oc</sub> value (EpiSuite 4.1 KOCWIN): < 1.5).

**Other Adverse Effects:** None known.

### Section 12. Disposal Considerations

**Disposal Method:** Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste third party, in accordance with local regulations.

### Section 13. Transport Information

**Road and Rail Transport:** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**UN Number** Not applicable

**Proper Shipping Name** Not applicable

**Technical Name** Not applicable

**Transport Hazard Class** Not applicable

**Packing Group** Not applicable

**Environmental Hazards for Transport purposes** Not applicable

**Special Precautions for User** Not applicable

**Additional Information** Not applicable

**Hazchem Code or Emergency Action Code** Not applicable

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**Section 14. Regulatory Information**

Poisons Schedule (SUSMP): None allocated

NICNAS: All ingredients are listed on the Australia Inventory of Chemical Substances (AICS).

**Section 15. Other Information**

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**Glossary:**

**Peak limitation** means a maximum or peak airborne concentration of a substance determined over the shortest analytically practicable period of time which does not exceed 15 minutes.

**Log Koc Adsorption Classifications**

- > 4.5 Very strong sorption to soil / sediment, negligible migration to ground water
- 3.5 - 4.4 Strong sorption to soil / sediment, negligible to slow migration to ground water
- 2.5 - 3.4 Moderate sorption to soil / sediment, slow migration to ground water
- 1.5 - 2.4 Low sorption to soil / sediment, moderate migration to ground water
- < 1.5 Negligible sorption to soil / sediment, rapid migration to ground water

**References**

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia)
2. Australian Code for the Transport of Dangerous Goods by Road and Rail, edition 7.3 (ADG 7.3)
3. Workplace Exposure Standards for Airborne Contaminants (Safe Work Australia)
4. Standard for the Uniform Scheduling of Medicines and Poisons No. 5 (Poisons Standard 2015)
5. Hazardous Substances Information System (HSIS - Safe Work Australia)
6. Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (United Nations)
7. European Chemicals Agency (<http://echa.europa.eu/>)

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