

Infosafe No™ VARB1	Issue Date :October 2024	ISSUED by HUNTERST
Product Name <b>LUSTRAL BIO-DET</b>		

## Section 1 - Identification

Product Identifier	LUSTRAL BIO-DET
Company Name	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address	60 Gleadow Street INVERMAY TAS 7248 AUSTRALIA
Telephone/Fax Number	Tel: 03 6331 4755 Fax: 03 6334 1065
Emergency Phone Number	0417 744 144
Recommended use of the chemical and restrictions on use	As a surfactant. Use as directed on the product label.

## Section 2 - Hazard(s) Identification

GHS Classification of the Substance/Mixture	Not classified as Hazardous Not classified as a Dangerous Good
Signal Word	NONE
Hazard Statement (s)	None
Pictogram (s)	None
Precautionary Statement – Storage	P404 Store in a closed container.
Precautionary Statement – Disposal	P501 Dispose of contents/container in accordance with local regulations.
Precautionary Statement – General	P102 Keep out of reach of children. P103 Read label before use.

## Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Non hazardous surfactants	Mixture	10-30 %
	Water	7732-18-5	to 100%
	Ingredients determined not to be hazardous		<10%

## Section 4 - First Aid Measures

Inhalation	Remove from exposure.
Ingestion	Do NOT induce vomiting. Give a glass of water to be taken slowly.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Eye	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Product is an aqueous solution of mixed surfactants. May be irritating to eyes. If swallowed, vomiting should not have been induced because of risk of aspiration of froth into the lungs. Contact Poisons Information Centre.

## Section 5 - Firefighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate to surrounding fire.
Hazards from Combustion Products	Water vapour, carbon dioxide, oxides of nitrogen and sulphur.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE:

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**Specific Hazards  
Arising from the  
Chemical**

breathing apparatus and protective gloves.  
Not a fire hazard. Not an explosion hazard.

## Section 6 - Accidental Release Measures

**Emergency  
Procedures**

Contain.

**Spills & Disposal**

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 very slippery. Mop up with plenty of water and run to waste, diluting greatly with running water.

## Section 7 - Handling and Storage

**Conditions for safe  
storage, including  
any incompatibilities**

Store out of reach of children. Store in original container. Keep away from oxidising agents. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

**Unsuitable Materials**

Incompatibles: Oxidising agents, strong mineral acids, caustic alkalis.

## Section 8 - Exposure Controls and Personal Protection

**Other Exposure  
Information**

TLV-TWA: None assigned  
TLV\_STEL: None assigned

**Engineering  
Controls**

Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.

**Personal Protective  
Equipment**

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:-

Normal Use:

Eye/face protection  
Gloves, rubber or plastic.

Industrial Quantities:

Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls.

Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

## Section 9 - Physical and Chemical Properties

**Form**

Liquid

**Appearance**

Yellow, somewhat opaque liquid.

**Odour**

Mild detergent odour.

**Boiling Point**

100C

**Solubility in Water**

Miscible with water in all proportions.

**Specific Gravity**

1.0

**pH**

7.5 - 8.0

**Vapour Pressure**

23 hPa @ 20 °C

**Flash Point**

None

**Flammability**

Not flammable.

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**Other Information** May react with strong oxidising agents. Very slippery when spilled.

## Section 10 - Stability and Reactivity

**Chemical Stability** Stable under normal use conditons.

**Conditions to Avoid** Heat, flames and other ignition sources.

**Incompatible Materials** Oxidising agents, mineral acids, caustic alkalis.

**Hazardous Decomposition Products** Emits smoke and fumes when heated to decomposition.

## Section 11 - Toxicological Information

**Acute Toxicity - Oral** LD 50 : Surfactants 12,400 mg/kg oral, rat

**Ingestion** Likely to cause gastric upset, discomfort or pain, nausea, vomiting and diarrhoea. An aspiration risk.

**Inhalation** Inhalation of aerosols may cause respiratory irritation. Aspiration of froth into the lungs during swallowing or vomiting may cause chemical pneumonitis (irritation of lung tissues) and possible pulmonary oedema (fluid build-up in the lungs). Onset of symptoms may be delayed.

**Skin** Will have a degreasing effect on the skin, which may result in dry skin and irritation.

**Eye** Liquid splashes into the eyes may be irritating to eyes. May cause itching, redness and pain.

**Chronic Effects** Prolonged or repeated contact with the concentrate may lead to dermatitic effects.

## Section 12 - Ecological Information

**Ecotoxicity** May be harmful to aquatic organisms.

**Persistence and Degradability** The surfactants used in this product are considered to be readily biodegradable.

**Mobility** Readily transported by running water.

**Other Adverse Effects** Contains mixed surfactants. Local concentrations may be harmful to aquatic organisms, including fish.

**Environmental Protection** Avoid contaminating waterways, drains, sewers, or ground.

## Section 13 - Disposal Considerations

**Waste Disposal** Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

**Product Disposal** Avoid disposal to natural waters.

**Special Precautions for Incineration or Landfill** Unsuitable for incineration.

## Section 14 - Transport Information

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## Section 15 - Regulatory Information

**Poisons Schedule** Not Scheduled

**Australia (AICS/AIIC)** All components listed.

## Section 16 - Any Other Relevant Information

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<b>Date of Preparation</b>	29/10/2024
<b>Literature References</b>	Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons Australian Code for the Transport of Dangerous Goods by Road & Rail Globally Harmonised System of classification and labelling of chemicals GHS7
<b>Signature of Preparer/Data Service</b>	Technical Manager 0417 744 144
<b>Technical Contact Numbers</b>	Emergency Advice All Hours: Technical Manager: 0417 744 144 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs Transport/Fire Emergency: 000 (Emergency services)
<b>Other Information</b>	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below. ...End Of MSDS...

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