

Infosafe No™ VARB1 Issue Date : October 2016 ISSUED by HUNTERST

Product Name **LUSTRAL BIO-DET**

1. Identification

GHS 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 0407 610 542

Recommended use of the chemical and restrictions on use As a surfactant.
Use as directed on the product label.

2. Hazard Identification

GHS classification of the substance/mixture Not classified as Hazardous
Not classified as a Dangerous Good

Signal Word (s) NONE

Hazard Statement (s) None

Precautionary statement – General P102 Keep out of reach of children.
P104 Read Safety Data Sheet before use.

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.

3. Composition/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%

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 contact 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.

5. Fire-fighting measures

Suitable extinguishing media Use extinguishing media appropriate to surrounding fire.

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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: breathing apparatus and protective gloves.
Specific hazards arising from the chemical	Not a fire hazard. Not an explosion hazard.

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.

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.

8. Exposure controls/personal protection

Other Exposure Information	TLV-TWA: None assigned TLV-STEL: None assigned
Appropriate 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.

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

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pH	7.5 - 8.0
Vapour Pressure	23 hPa @ 20 °C
Flash Point	None
Flammability	Not flammable.
Other Information	May react with strong oxidising agents. Very slippery when spilled.

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	Oxides of nitrogen, oxides of sulphur.

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.	

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.

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 landfill or incineration	Unsuitable for incineration.

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.
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15. Regulatory information

Poisons Schedule Not Scheduled
AICS (Australia) All components listed.

16. Other Information

Date of preparation or last revision of SDS 31/10/2016

Literature References 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

Signature of Preparer/Data Service Technical Manager 0407 610 542

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information 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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