

SAFETY DATA SHEET

Version No.: 1125

Issue Date: November 2025

Issued By: AgBiTech Pty Ltd

1. IDENTIFICATION

Product Name: Optimol[®]

Other Names: Optimol[®] Biological Insecticide Optimiser
APVMA Approval No.: 64627

Recommended Use: Agricultural biological insecticide adjuvant

COMPANY DETAILS:

Company Name: AgBiTech Pty Ltd
Address: 8 Rocla Court, Glenvale, QLD, Australia 4350
Telephone: (07) 4633 0439
Emergency: 0417 123 737

Email Address: accounts@agbitech.com

2. HAZARD(S) IDENTIFICATION

NOT classified as hazardous according to Safe Work Australia (GHS).
NOT classified as Dangerous Goods (ADG, IMDG, IATA).

No signal word.

No hazard pictograms.

No hazard statements required.

Non-GHS advisory:

- May cause mild, temporary eye irritation.
- Avoid prolonged skin contact.
- Slippery if spilled.

3. COMPOSITION INFORMATION ON INGREDIENTS

Name of Ingredient:	CAS Number:	Proportion:
Sugars (sucrose, glucose, fructose)	57-50-1	60%
Emulsifiable petroleum oil (refined)	8012-95-1	15.5%
Phosphoric Acid	7664-38-2	0.95%
Water	7732-18-5	43.9%

4. FIRST AID MEASURES

General notes: Treat exposure symptomatically. Seek medical attention if symptoms develop or persist.

Inhalation: Move to fresh air. Seek medical advice if symptoms persist.

Skin: Wash with soap and water. Remove contaminated clothing.

Eyes: Flush with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical attention if unwell.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water fog, foam, CO₂, dry chemical.

Advice for firefighters: Prevent run-off into drains and waterways.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Contain a spill and prevent runoff into waterways.

Method and materials used for clean up: Use absorbent material to clean up spill, seal in bags and dispose in accordance with local waste requirements. Wash area with water after cleanup.

7. HANDLING AND STORAGE

Conditions for safe storage: Store in a cool, dry, ventilated place and out of direct sunlight. Check regularly for leaks.

Precautions for safe handling: Avoid prolonged contact with skin and eyes. Keep containers closed when not in use. Do not store near strong oxidisers.

8. EXPOSURE CONTROLS / PERSONEL PROTECTION

No exposure limits assigned.

Personal Protective Equipment:

- Gloves (nitrile recommended)
- Safety glasses or goggles during handling
- Standard work clothing

Hygiene measures: Wash hands after handling. Avoid contact with eyes. Do not eat, drink or smoke while using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown liquid
Vapor pressure:	Not available
Odour:	Sweet / Molasses
Specific gravity:	1.18 g/L
pH:	3.5 (± 0.5)
Boiling point:	104 °C
Melting point:	-50 °C
Flash Point:	Not determined (>100°C)
Chemical Stability:	Stable under normal conditions
Solubility in water:	Water miscible
Incompatibilities:	Not available
Flammability:	Not reported
Upper lower flammability/explosive limits:	Not applicable
Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising

10. STABILITY AND REACTIVITY

This product is stable under normal conditions of use. No dangerous reaction known under normal conditions of use.

Chemical stability: Stable under normal conditions.

Conditions to avoid: Excessive heat and strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Expected to be of low acute toxicity.

Likely effects:

- Eyes: Mild, temporary irritation possible.
- Skin: Repeated exposure may cause dryness due to oil component.
- Ingestion: May cause abdominal discomfort.
- Inhalation: Mists may cause mild respiratory irritation.

No evidence of carcinogenicity, mutagenicity, reproductive toxicity or sensitisation.

12. ECOLOGICAL INFORMATION

Not expected to be harmful to the environment. Avoid release to waterways. Oil component is inherently biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose of contents and container according to local regulations. Do not discharge into waterways. Triple rinse containers before recycling where permitted.

14. 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; NON-DANGEROUS GOODS.

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON- DANGEROUS GOODS.

15. REGULATORY INFORMATION

NOT classified as hazardous according to WHS Regulations.

Not scheduled under SUSMP.

16. OTHER INFORMATION

Supplier Safety Data Sheet issued for the first time upon product release.

CONTACT POINT: Anthony Hawes 0417 123 737

This SDS summarises our best knowledge of the product's health and safety hazard information and how best to safely handle the product in the workplace. It should be read by all users of the product and appropriate measures taken to limit personal and environmental exposure. When used in conjunction with other products, additional handling and use precautions for the mixture may be required in accordance with the other product's SDS.

If further information is required to ensure proper and safe handling of the product, the user should contact AgBiTech Pty Ltd. The responsibility for products sold is subject to standard terms and conditions which appear on the product label and are also available on request.

Optimol[®] is a Trademark of AgBiTech Pty Ltd.