

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: Optimol®

Other names: Optimol® Biological Insecticide Optimiser

Recommended Use: Agricultural biological insecticide adjuvant

COMPANY DETAILS:

Company Name: AgBiTech Pty Ltd
Address: 8 Rocla Court, Glenvale QLD 4350
Telephone: (07) 4633 0439
Fax: (07) 4659 0325
Emergency Telephone: 0425 232 052

2. HAZARD(S) IDENTIFICATION

Based on available information, this material is not classified as hazardous in according to criteria of Safe Work Australia.

This material is NOT considered DANGEROUS in accordance with the United Nations Recommendations on the Transport of Dangerous Goods, which sets out the globally harmonised system for the classification and labelling requirements for dangerous goods.

Classification: Nil

Hazard Statement: Nil

Precautionary Statements: Read label before use
Use personal protective equipment as required
Contact with skin may result in irritation
Take off contaminated clothing and wash before reuse
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Follow disposal procedures as per the label
Avoid contaminating waterways

For emergency information concerning this product, call the National Pesticide Information Centre 131 126 (Australia).

3. COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
Molasses	68476-78-8	70 – 80%
Emulsifiable petroleum oil	N/A	20 - 30%
Phosphoric Acid	7664-18-5	<5%

4. FIRST AID MEASURES

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

Following ingestion: Rinse mouth with water, seek medical advice if effected person becomes unwell.

Following skin contact: Remove contaminated clothing and wash affected areas with plenty of soap and water. Seek medical advice if irritation develops or persists.

Following eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Seek medical advice if irritation develops or persists.

Inhaled: Remove victim to fresh air. Seek medical advice if effects persist.

5. FIRE FIGHTING MEASURES

This product is non flammable and non combustible.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Contain a spill and prevent runoff into waterways. If contamination of sewers or waterways has occurred advise appropriate local authorities.

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.

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.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

8. EXPOSURE CONTROLS / PERSONEL PROTECTION

Toxicology Information: This product is not classified as toxic, harmful or irritant in accordance with NOHSC criteria.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown liquid
Vapour pressure:	Not available
Odour:	Molasses
Specific gravity:	1.18 g/L
pH:	3.5 (\pm 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
Vapour pressure:	Not available
Vapour density:	Not available
Specific gravity:	1.25g/L
Solubility in water:	Water miscible
Solubility in organic solvents:	Not reported
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Explosive properties:	Not explosive
Oxidising properties:	Not oxidising

10. STABILITY AND REACTIVITY

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:	None known.
Incompatible materials:	None known.
Hazardous reactions:	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Material can be recycled. Normally suitable for Incineration by an approved agent.

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

Classification: Based on available information, not classified as hazardous according to criteria of NOHSC; NON-HAZARDOUS SUBSTANCE.

Poisons Schedule: None allocated.

16. OTHER INFORMATION

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

CONTACT POINT: Philip Armytage: 0488 263 585

This MSDS 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 MSDS.

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.

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