

SAFETY DATA SHEET

Version No.: 0420

ISSUED DATE: June 2020

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
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2. HAZARD(S) IDENTIFICATION

This material is 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.

Hazard Classifications

Serious Eye Damage/Irritation - Category 1

Hazard Statements

H318 Causes serious eye damage.

Prevention Precautionary Statements

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective clothing, gloves and eye/face protection.

Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

3. COMPOSITION INFORMATION ON INGREDIENTS

Name of Ingredient:	CAS Number:	Proportion:
Molasses	68476-78-8	40 – 45%
Liquid Sugar	57-50-1	20 – 30%
Emulsifiable petroleum oil (refined)	8012-95-1	10 – 20%
Phosphoric Acid	7664-38-2	<5%
Water	7732-18-5	<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. Do not induce vomiting.

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

Wear safety shoes, overalls, gloves, chemical goggles. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown liquid
Vapor pressure:	Not available
Odour:	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: 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.

Acute Effects Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin may result in irritation.
Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: A severe eye irritant.

Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

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

This material is hazardous in according to criteria of Safe Work Australia.

Poisons Schedule: None allocated.

16. OTHER INFORMATION

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

CONTACT POINT: Philip Armytage: 0488 263 585

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 onrequest.

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