



PROUDLY AUSTRALIAN OWNED AND MANUFACTURED

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Aerial A150 – Canola Oil Ester

Synonyms: Methyl Ester of mixed fatty acids, commercial methyl oleate.

Company Details: Australian Adjuvants Pty Ltd, 5-7 Maria Street, Laverton North, Victoria, 3026.

Telephone Number: (03) 9369 4333 (B/H) 0413 839 023 (A/H)

Poisons Information: 131126

Uses: Adjuvant Base, Lubricant, Solvent.

2. HAZARDS IDENTIFICATION

NOT classified hazardous according to criteria of Worksafe Australia

Not listed in the SUSDP.

UN Number: None allocated.
Proper Shipping Name: None allocated.
Dangerous Goods Class: None allocated.
Subsidiary risk: None allocated.
Packing Group: None allocated.
Hazchem Code: None allocated.
Poison Schedule: None allocated

This product is a C2 Combustible Liquid as defined by AS:1940

Risk Phrase(s):
None allocated

Safety Phrase(s):
None allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Methyl Oleate, Commercial	111-62-9	< than 60%

4. FIRST AID MEASURES

Ingestion

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

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If swallowed, **DO NOT** induce vomiting. Give 3 to 4 glasses of water to drink. (Do not give liquids to an unconscious person). If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek urgent medical assistance.

Eye

May cause irritation to the eyes, with effects including tearing, pain and blurred vision.

If material is splashed into eyes, immediately flush with plenty of clean water for 15 minutes, ensuring eye lids are held open. If irritation persists, seek medical attention.

Skin

May cause irritation to the skin, with effects including redness and itchiness.

If material is splashed onto the skin, remove any contaminated clothing (including footwear) and wash skin thoroughly with warm water and soap. If irritation persists, seek medical attention.

Inhaled

Mist or vapour from the heated product may cause irritation to the nose, throat and respiratory system with effects including cough, discomfort and difficulty breathing.

Move victim to fresh air. Apply resuscitation if victim is not breathing and seek medical attention

Chronic

No data found

First Aid Facilities.

Eyewash fountain, safety shower and normal wash room facilities.

Advice to the Doctor.

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Specific Hazard.

Decomposes on heating emitting oxides of carbon.

Suitable Extinguishing Media.

Use extinguishing media suitable for surrounding fire situation

Hazardous Combustion Products.

Oxides of carbon.

Personal Protection.

Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Flammability

This product is a COMBUSTIBLE (C2) LIQUID and must be stored, handled and used according to the requirements of AS 1940 - The Storage and Handling of Flammable and Combustible Liquids.

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6. ACCIDENTAL RELEASE MEASURES

Emergency Action

Eliminate all sources of ignition. Material is slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

This material is a COMBUSTIBLE (C2) LIQUID and must be stored, handled and used according to the requirements of AS1940 – The storage and handling of flammable and combustible liquids.

Conditions for Safe Storage

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidising agents. Keep containers closed, when not using the product. Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Biological Limit Values

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) for this product or any of the components:

Methyl Oleate

No exposure details available.

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate, unless the material is heated, then the use of a local exhaust ventilation system is recommended.

Personal Protection

Eyes: Chemical goggles or face shield to protect eyes.
Hands: PVC or natural rubber
Clothing: PVC or Nitrile apron.

Respiratory Protection

Avoid breathing of vapours or mists. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a half-face respirator fitted with an organic vapour cartridge is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow liquid @ 25°C, some footing possible
Boiling Point:	>150°C
Vapour Pressure:	Not available
Specific Gravity:	Approx. 0.87 – 0.89
Flash Point:	>150°C; AS 2106:1980 (Closed Cup).
Flammability Limits:	Not available
Solubility in Water:	Not miscible.

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of use.

Conditions to avoid

High temperatures and incompatibles.

Incompatible materials

Strong alkalis, acids and strong oxidizing agents.

Hazardous decomposition products

Decomposes on heating emitting oxides of carbon.

Hazardous reactions

11. TOXICOLOGICAL INFORMATION

No data found.

12. ECOLOGICAL INFORMATION

No data found.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise of combustible nature. Normally suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

Defined as a C2 Combustible Liquid by AS: 1940.

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition.

15. REGULATORY INFORMATION

Listed in the AICS

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16. OTHER INFORMATION

Contact Point

After Hours: Peter Wrigley Mobile No. 0413 839 023

Disclaimer

The information herein is, believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue, to the best of our knowledge. It is meant to describe safety requirements of the product and should not be constructed as guaranteeing specific properties. Since Australian Adjuvants Pty Ltd cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application.

Australian Adjuvants Pty Ltd will not be responsible for damages of any nature resulting from the use or reliance upon the information. No warranty expressed or implied is made to its accuracy, reliability or completeness.

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