

# SAFETY DATA SHEET

## SECTION 1

## IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Apparent Mach Two Adjuvant**

**Other Names:** Canola oil.  
**Use:** Agricultural spray oil adjuvant to enhance the effectiveness of herbicides.  
**Company:** Apparent Pty Ltd  
**Address:** Suite G.08 762 Toorak Road, Hawthorn East, Vic. 3123.  
PO Box 3092, Cotham PO, Kew, Vic 3101  
**ACN/ABN:** 143 724 136  
**Telephone Number:** 03 9822 1321.  
**Email:** [enquiries@apparentag.com.au](mailto:enquiries@apparentag.com.au)  
**Emergency Contact:** 0411 227 338

## SECTION 2

## HAZARDS IDENTIFICATION

**Not Classified as hazardous according to criteria of Safe Work Australia.  
Not classified as a Dangerous Good according to the ADG Code.**

Under the Globally Harmonised System (GHS) this product is not classified as a hazardous substance.

## SECTION 3

## COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients:

<b>CHEMICAL</b>	<b>CAS NUMBER</b>	<b>PROPORTION</b>
Esterified Canola Oil	8002-13-9	704 g/L
Other ingredients determined not to be hazardous		Balance

## SECTION 4

## FIRST AID MEASURES

### FIRST AID

**Ingestion:** If swallowed do NOT induce vomiting. Give a glass of water or milk to drink. If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 131 126.

**Eye contact:** Immediately hold eyes open and flood with clean water. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Seek medical advice.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. If skin is irritated, seek medical advice.

**Inhalation:** Remove to fresh air and observe until recovered. If effects persist, seek medical advice.

**Advice to Doctor:** Treat symptomatically.

## SECTION 5

## FIRE FIGHTING MEASURES

**Specific Hazard:** Combustible liquid with a flash point > 300°C.

**Extinguishing media:** Preferably use carbon dioxide, dry chemical or foam. If no alternative use soft stream water and contain all runoff. If containers are ruptured contain all runoff.

**Hazards from combustion products:** If product burns it will emit toxic fumes such as carbon dioxide. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or smoke.

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**SECTION 5 FIRE FIGHTING MEASURES (Continued)**

**Precautions for fire-fighters and special protective equipment:** Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self-contained breathing apparatus. Do not breathe smoke or vapours generated.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Emergency procedures:** In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, rubber gloves and goggles or disposable spray shield. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, the use of a respirator is recommended.

In the case of spillage, stop leak if safe to do so, and contain spill. All spills will result in potentially hazardous slippery surfaces and should be dealt with promptly. Absorb spilled material with absorbent material such as sand, clay or cat litter and dispose of waste as per the requirements of Local or State Waste Management Authorities. Keep out animals and unprotected persons.

**Material and methods for containment and cleanup procedures:** To clean spill area, tools and equipment, wash with a solution of soap, water and acetic acid/vinegar. Follow this with a neutralisation step of washing the area with a bleach or caustic soda ash solution. Finally, wash with a strong soap and water solution. Absorb, as above, any excess liquid and add both solutions to the drums of waste already collected. If a significant quantity of material enters drains, advise emergency services. Thoroughly launder protective clothing before storage or re-use.

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**SECTION 7 HANDLING AND STORAGE**

**Precautions for Safe Handling:** No smoking, eating or drinking should be allowed where material is used or stored. Avoid contact with skin or eyes. Avoid inhaling vapour or spray mist. When opening the container and preparing the spray, wear overalls, rubber gloves and goggles or disposable spray shield. After each day's use, wash contaminated clothing, gloves and face shield or goggles with soap and water.

**Conditions for Safe Storage:** Keep out of the reach of children. Store in the closed, original container in a well-ventilated area as cool as possible. Protect from frost. DO NOT store for prolonged periods in direct sunlight. Under conditions below 0°C Apparent Mach Two Adjuvant may thicken and become cloudy. It returns to a normal clear liquid state above 0°C. Not classified as a Dangerous Good. Do not store or use near naked flame, or heat sources. Do not cut or weld container.

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**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines:**

No exposure limits have been assigned by Safe Work Australia to the ingredients in this product.

**Biological Limit Values:**

No biological limit allocated.

**Engineering controls:**

Keep containers closed when not in use. No special engineering controls are required, however make sure that the work environment remains clean and that vapours and mists are minimised.

**Personal Protective Equipment (PPE):**

General: When opening the container and preparing the spray, wear overalls, rubber gloves and goggles or disposable spray shield. After each day's use, wash contaminated clothing, gloves and face shield or goggles with soap and water

Personal Hygiene: May irritate the eyes and skin. Avoid contact with skin or eyes. Avoid inhaling vapour or spray mist. Clean water should be available for washing in case of eye or skin contamination. Wash skin before eating, drinking or smoking. Shower at the end of the workday.

**SECTION 9****PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Amber coloured free flowing oil.
<b>Odour:</b>	No data available.
<b>Boiling point:</b>	No data available.
<b>Freezing point:</b>	No data available.
<b>Specific Gravity:</b>	0.91 at 20°C.
<b>Solubility in Water:</b>	Forms an emulsion.
<b>pH:</b>	No data available.
<b>Flammability:</b>	Combustible liquid (C2).
<b>Flashpoint (°C):</b>	> 300°C.
<b>Poisons Schedule:</b>	Not a scheduled poison.

**SECTION 10****STABILITY AND REACTIVITY**

**Chemical Stability:** Product is considered stable in ambient conditions for a period of at least 2 years after manufacture.

**Conditions to avoid:** Avoid contact with strong oxidizing agents such as chlorine and organic peroxides.

**Incompatible materials:** As above.

**Hazardous decomposition products:** If product burns it will emit toxic fumes such as carbon dioxide.

**Hazardous reactions:** Polymerisation is unlikely.

**SECTION 11****TOXICOLOGICAL INFORMATION**

No specific data is available for this product as no toxicity tests have been conducted on this product. Information presented is our best judgement based on similar products and/or individual components. As with all products for which limited data is available, caution must be exercised through the use of protective equipment and handling procedures to minimise exposure.

**Potential Health Effects:****ACUTE EFFECTS**

Swallowed:	Low toxicity. Ingestion of large quantities may cause nausea, vomiting or diarrhoea.
Eye:	The concentrate may cause mild irritation of the eyes. May cause redness and discomfort.
Skin:	Unlikely to cause skin irritation, but may be mildly irritating from repeated or prolonged exposure.
Inhaled:	Inhalation of mists or sprays may produce respiratory irritation.

**Long Term Exposure:**

**Chronic toxicity:** no information available.

**SECTION 12****ECOLOGICAL INFORMATION**

**Environmental Toxicology:** No data available.

**Environmental Fate:** DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

**SECTION 13****DISPOSAL CONSIDERATIONS**

**Spills and Disposal:** Persons involved in cleanup require adequate skin protection - see Section 8. In case of spillage, contain and absorb spilled material with absorbent material such as clay, sand or cat litter and dispose of waste as indicated below or in accordance to the Australian Standard 2507- Storage and Handling of Pesticides. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. To decontaminate spill area, tools and equipment, wash with detergent and water and add the solution to the drums of wastes already collected and label contents. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities.

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**SECTION 13 DISPOSAL CONSIDERATIONS (Continued)**

**Disposal of empty containers:** Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

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**SECTION 14 TRANSPORT INFORMATION**

**Road & Rail Transport:** This product is not classified as a Dangerous Goods under the Australian Code for the Transport of Dangerous Goods by Road and Rail. This product is a Schedule 5 Poison (S5) and must be stored, transported and sold in accordance with the relevant Health Department regulations.

**Marine and Air Transport:** Product is not classified as a Dangerous Good according to International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

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**SECTION 15 REGULATORY INFORMATION**

Under the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP), this product is not a Scheduled poison.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994. Product Registration No. 67213.

This product is not classified as a Hazardous Substance under the criteria of Safe Work Australia.

This product is not classified as a Dangerous Good according to the ADG Code (7<sup>th</sup> Ed).

This product is not classified as a Dangerous Good according to International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

*Requirements concerning special training:*

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

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**SECTION 16 OTHER INFORMATION**

Issue Date: 18 July 2016. Valid for 5 years till 18 July 2021. (Updated to GHS).

Key to abbreviations and acronyms used in this SDS:

ADG Code: Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

Carcinogen: An agent which is responsible for the formation of a cancer.

Genotoxic: Capable of causing damage to genetic material, such as DNA.

HSIS: Hazardous Substances information System.

Lacrimation: The production, secretion, and shedding of tears.

Lavage: A general term referring to cleaning or rinsing.

Mutagen: An agent capable of producing a mutation.

NOHSC: National Occupational Health and Safety Commission.

Pneumonitis: A general term that refers to inflammation of lung tissue.

PPE: Personal protective equipment.

Teratogen: An agent capable of causing abnormalities in a developing foetus.

TWA: The Time Weighted Average airborne concentration over an eight-hour working day, for a five day working week over an entire working life.

Safe Work Australia: Formally known as Australian Safety & Compensation Council (ASCC) which was formally known as the National Occupational Health & Safety Commission (NOHSC).

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**SECTION 16 OTHER INFORMATION (Continued)**

## References

1. "Search Hazardous Substances". Safe Work Australia website. (2016).
2. "Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.

*This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.*

*If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

End SDS