



SAFETY DATA SHEET

According to Safe Work Australia

Revision: 15.02.19

4FARMERS TAKEUP

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: 4FARMERS TAKEUP

Recommended Use of the Chemical and Restriction on Use: Adjuvant spraying oil to improve spreading and wetting of herbicides on plant surfaces as specified on the label.

Details of Manufacturer or Importer:

4Farmers Australia Pty Ltd
70 McDowell Street
Welshpool WA 6106

Phone Number: +61 8 9356 3446

Emergency telephone number: National Poison Information Centre: 13 11 26

2. HAZARDS IDENTIFICATION

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

NOT classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail

GHS Classification:

Flammable liquids, Category 4

Aspiration hazard, Category 1

Acute aquatic toxicity, Category 2

Chronic aquatic toxicity, Category 3

Hazard Statements:

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

H410 Toxic to aquatic life with long lasting effects.

Signal Word: DANGER

Pictograms:



Precautionary Statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



SAFETY DATA SHEET

According to Safe Work Australia

Revision: 15.02.19

4FARMERS TAKEUP

P280 Wear protective gloves, protective clothing, eye protection/ and face protection.
P273 Avoid release to the environment.

Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE/ doctor.

P331 Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.

P370+P378 In case of fire: Use for extinction dry sand, powder or alcohol-resistant foam.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Liquid mixture

Ingredients	CAS NO.	Proportion (% weight/weight)
Paraffinic Oil	008012-95-1	66
Alcohols, C12-14 ethoxylated	68439-50-9	1 -10
Aromatic Solvent	64742-94-5	1 - 10
Other non-hazardous ingredients		10 - 30

4. FIRST AID MEASURES

General advice: First Aid responders should ensure their own safety and use the recommended protective clothing (chemical resistant gloves and splash protection). If the potential for exposure exists, wear PPE as specified in Section 8.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap for 15-20 minutes. Wash clothing before reuse.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

Ingestion:

If swallowed, immediately call a doctor or Poisons Information Centre on 13 11 26. Do not induce vomiting unless told to do so by a doctor or Poison Control Centre. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person.



SAFETY DATA SHEET

According to Safe Work Australia

Revision: 15.02.19

4FARMERS TAKEUP

Information for Doctor:

Vomiting may cause pulmonary aspiration. The risk from lung aspiration must be weighed against toxicity when considering emptying the stomach. There is no specific antidote for this product. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

Refer to the Safety Data Sheet or product label when contacting a Poison Information Centre or doctor or attending hospital for treatment.

Symptoms Caused by Exposure: See Section 11. Toxicological information..

5. FIRE FIGHTING MEASURES

Suitable extinguishing media Water fog or fine spray, dry agent, carbon dioxide or alcohol-resistant foam. Do not use water in a jet as this may spread the fire.

Specific hazards arising from the chemical Combustible liquid. May evolve toxic gases including oxides of carbon and other pyrolysis products when heated to decomposition. In the event of a fire, containers may rupture. Dense smoke is produced when the product burns.

Special protective equipment and precautions for fire fighters Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combatting fire. Use water fog to cool intact containers and nearby storage areas. Contain run-off and prevent it from entering waterways or drains. Run-off may cause environmental damage if not contained.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Clean up spills immediately to prevent further accidents. Eliminate all ignition sources. Wear personal protective equipment (PPE) as specified in Section 8. Avoid contact with spilled or released material. Shut off leaks, if safe to do so. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Environmental precautions Prevent from spreading and entering waterways by using sand, earth or other non-combustible material.

Methods and materials for containment and cleaning up Contain spillage, then absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all ignition sources. In the event of a large spill, contain spilled material with sand, earth or other absorbent material. Prevent run-off into drains or waterways. Transfer spilled material to suitable containers for re-use or disposal. Transfer contaminated sand or earth into suitable containers for disposal. Clearly label all containers. Wash contaminated area with detergent and water.



SAFETY DATA SHEET

According to Safe Work Australia

Revision: 15.02.19

4FARMERS TAKEUP

7. HANDLING AND STORAGE

Precautions for safe handling

Before use carefully read the product label. Use safe work practices to avoid eye or skin contact and inhalation of spray mist. Use product only outdoors or in well-ventilated areas. Keep away from heat, sparks, flame or other sources of ignition. Observe good personal hygiene, including washing hands before eating, drinking or smoking. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry and well-ventilated area. Keep container tightly closed when not in use. Protect from direct sunlight, heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents. Protect from physical damage. Check regularly for spills. Store as a Class C1 Combustible Liquid (AS1940).

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards

Biological Limits

None known.

Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Individual protective measures and personal protective equipment (PPE)

Eye Protection: Face shield and/or splash-proof chemical goggles (AS1336/1337).

Skin Protection: PVC, PVA, nitrile, neoprene, rubber or vinyl gloves, cotton overalls buttoned to the neck and wrist and a washable hat. See Australian/New Zealand Standard AS/NZS 2161 and 4501 for more information.

Respiratory Protection: Respirator: Use a Safe Work Australia approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Liquid
Colour:	Clear, yellow colour
Odour:	Aromatic
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	>170 °C



SAFETY DATA SHEET

According to Safe Work Australia

Revision: 15.02.19

4FARMERS TAKEUP

Flash Point:	>90 °C
Flammability:	Combustible liquid
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	No information available
Relative Density at 20 °C:	0.88 g/cm ³
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Emulsifies with water.

10. STABILITY AND REACTIVITY

Reactivity	Stable under recommended conditions of storage and use.
Chemical Stability	Stable under recommended conditions of storage and use.
Conditions to Avoid	Keep away from heat, hot surfaces, sparks, open flame and other ignition sources.
Incompatible materials and possible hazardous reactions	Keep away from strong oxidising agents. No hazardous reactions known.
Hazardous decomposition products	Will evolve toxic gases including oxides of carbon when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Very low toxicity by ingestion and low toxicity by skin absorption. The product may cause moderate eye irritation. There is limited evidence of carcinogenicity from exposure to some components in the solvent.
Eye	May cause moderate eye irritation. Unlikely to cause corneal injury.
Inhalation	Prolonged exposure to spray mist may cause irritation of the upper respiratory tract.
Skin	Brief contact with skin may result in minor irritation and redness.
Ingestion	Very low toxicity if swallowed. Small amounts swallowed incidentally during normal spray operations are not likely to cause injury. Aspiration into lungs may cause chemical pneumonitis and pulmonary oedema which may be fatal.



SAFETY DATA SHEET

According to Safe Work Australia

Revision: 15.02.19

4FARMERS TAKEUP

Toxicity Data	For the product, estimated Oral LD50 (rat) >5,000 mg/kg based on components.
Sensitisation:	No sensitising effects known.
Germ Cell Mutagenicity:	Based on classification principles, the classification criteria are not met.
Carcinogenicity:	Naphthalene, a component of the solvent, has shown evidence of cancer in some laboratory animals. In humans, there is limited evidence of cancer in workers involved in naphthalene production. Limited oral studies in rats were negative.
Reproductive Toxicity:	No birth defects observed for ingredients.
Aspiration Hazard:	May be fatal if swallowed and enters airways.
Existing Conditions Aggravated by Exposure:	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Based on the ingredients, this product is of low toxicity to aquatic organisms and may cause long term adverse effects in the aquatic environment
Persistence and Degradability:	The main components of this product are not readily biodegradable. Some minor components may persist in the environment.
Mobility in soil	Moderate mobility in soil. Evaporates from water or soil surfaces but a significant proportion will remain after one day. Large volumes may penetrate soil and could contaminate groundwater. Contains volatile constituents
Bioaccumulative potential	Bioconcentration potential for active ingredient is low. Some minor ingredients may have high potential to bioaccumulate.
Other adverse effects	No data.

13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods	Recover or recycle if possible. Refer to local waste management authority for other approved methods. Empty containers should be decontaminated by rinsing with water prior to disposal or recycling. Product must be contained and not disposed of in sewerage systems, drains or waterways. Advise combustible nature.
Disposal of contaminated packaging	Empty packaging should be disposed of in accordance with local, state, and federal regulations or recycled/reconditioned at an approved facility.
Environmental regulations	Dispose of in accordance with relevant local, state and federal legislation.



SAFETY DATA SHEET

According to Safe Work Australia

Revision: 15.02.19

4FARMERS TAKEUP

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14. TRANSPORT INFORMATION

Not regulated for transport according to the criteria of the Australian Code for transport of Dangerous Goods.

15. REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

All components are listed on the Australian Inventory of Chemical Substances (AICS).

Poison Schedule:

Poisons Schedule: 5

16. OTHER INFORMATION

Date of Preparation or Last Revision: 15.02.19

Abbreviations and acronyms:

ADG: Australian Dangerous Goods

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LD50: Lethal dose, 50 percent

Disclaimer

This SDS is prepared in accordance with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals – February 2016"

The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. 4Farmers Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.