

GROW GREEN – Xtend – Plant Oil Adjuvant

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1. PRODUCT AND COMPANY INFORMATION

Product Name: Grow Green Xtend – Plant Oil Adjuvant
Other Names: Not Applicable
Recommended use of the Substance: To be used as an agricultural spraying oil for addition to the substance: agricultural chemical and fertiliser sprays to improve wetting (coverage), penetration and rain fastness of sprays and to assist in the prevention of spray drift.

Supplier's details:

Company: Grow Green Pty Ltd
Contact Person: Mr Frank Anvari
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Telephone Number: 61 7 54639900
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2. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC.

Hazard Classification: Not a hazardous substance, not dangerous goods

Risk Phrases: Not Applicable

Safety Phrases: Not Applicable

Product has no known adverse health effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Product Description:**

Grow Green Xtend Plant Oil Adjuvant is designed to be used as an agricultural spraying oil for addition to agricultural chemical and fertiliser sprays to improve wetting (coverage), penetration and rain fastness of sprays and to assist in the prevention of spray drift. It is a pale yellow oil.

Chemical Identity	CAS	Concentration Range
Vegetable Oil	8002-13-9	Not > 90%
Ethoxylated vegetable oil	61791-12-6	Not < 10%

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4. FIRST AID MEASURES

For advice contact a Poisons Information Centre (Phone 131126).

No treatment normally required if in eyes. However, as a precaution, flush eyes with running water for at least 15 minutes, keeping eyelids open. Obtain medical attention if irritation persists.

No treatment normally required if on skin. However, as a precaution, wash contaminated skin with soap and water.

The product is non toxic if swallowed and no treatment is normally required.

Seek medical advice if inhaled.

5. FIRE FIGHTING MEASURES

The edible oil component of this mixture is non-flammable. It will only burn in bulk when heated over 300 ° C-350 ° C (approximately) at low FFA levels. Fire point is lower with higher FFA. Fire risk is low, but oil will burn in general fire.

The ethoxylated oil component of this mixture is classed as a combustible liquid.

Suitable Extinguishing Media:	Foam, dry chemical powder, carbon dioxide
Specific Hazards:	If product burns in a general fire it will produce dense smoke, acrid gases and acrolein.
Fire fighting advice:	Use self-contained breathing apparatus if product burns in a general fire.
Hazchem Code:	Not Hazardous

6. ACCIDENTAL RELEASE MEASURES

All spills will result in potentially hazardous slippery surfaces and should be dealt with promptly. Transfer spilled liquid into non-porous containers of suitable strength. Clean up small spills with sand, diatomaceous earth, soda ash, or other non-combustible absorbent material. Load absorbent/oil mixture into suitably labelled containers for disposal. Solidified oil may be shovelled into disposal containers. Residual oil should be removed with (preferably alkaline) detergent in soft water. Insoluble deposits may form with hard or salty water.

Do not use finely divided combustible materials (eg sawdust) to soak up oil, due to risk of spontaneous combustion. Note that spontaneous combustion may occur in piles of oil soaked rags, cotton, waste paper and the like, especially if held at elevated temperatures. Rags soaked in oil should not be burnt. Do not allow oil to contaminate waste water, drains, or streams and other natural water courses.

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7. HANDLING AND STORAGE

UN Number: None allocated
Dangerous Goods Class and Subsidiary Risk: None Allocated
Poisons Schedule Number: Not Scheduled
Precautions for Safe Handling:

Open and handle containers with care

Precautions For Safe Storage:

Incompatible with strong oxidising agents. Oil will be degraded by exposure to above-ambient temperatures and ultraviolet light. Store away from oxidising agents in a cool place out of direct sunlight. Store in original packaging in a dry, cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No special ventilation required. However, oil coatings on equipment, floors and clothing are slippery and may lead to physical injury due to falls. Use non-skid surface coatings where spills may occur. Seamless epoxy is most resistant to breakdown caused by prolonged contact with oil spills. Concretes are less resistant.

National Exposure Standards:

No exposure standards set

Biological Limit Values:

No biological limit allocated

Engineering Controls:

Adequate ventilation required

Personal Protective Equipment

With respect to the edible oil component, no specific protective clothing is required. However, because of the presence of a small amount of ethoxylated oil, it is recommended that the user avoid eye contact and repeated or prolonged skin contact by wearing overalls, chemical goggles and impervious gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow oil
Boiling Point: Not available
Melting Point: Not available

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Vapour Pressure:	Not available
Specific Gravity:	0.928 @ 20 ° C
Flashpoint:	Not available
Flammability Limits:	Not available
Solubility in Water:	Insoluble. Forms an emulsion

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to avoid:	None known
Incompatible materials:	Strong oxidizing materials
Hazardous decomposition products:	None known
Hazardous reactions:	None known

11. TOXICOLOGICAL INFORMATION**Toxicological Data:**

No toxicological data is available. There are no substances of toxicological significance contained in this product.

12. ECOLOGICAL INFORMATION**Ecotoxicity:**

This material is an organic plant oil adjuvant which has been assessed by the Australian Pesticides & Veterinary Medicines Authority as being acceptable for distribution in the environment according to its registered directions for use. It does not result in damage to any ecological components.

13. DISPOSAL CONSIDERATIONS

This product is not a Dangerous Good under the Australian Code for the Transport of Dangerous Goods (ADG) and does not require any special transport conditions.

14. TRANSPORT INFORMATION

This product is not a Dangerous Good under the Australian Code for the Transport of Dangerous Goods (ADG) and does not require any special transport conditions.

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15. REGULATORY INFORMATION

This product is registered by the Australian Pesticides and Veterinary Medicines Authority (APVMA) and complies with all the requirements of the legislation administered by that authority.

16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Grow Green Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Grow Green Pty Ltd direct at the contact details on page 1.

CONTACT POINT:

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