

Issue Date: January 2012 (Supersedes December 2006)

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: **PROTEC PLUS**

Product Code: **PRO+**

Product Use: Adjuvant to assist in stickability and penetrability of active during spraying operations

Company Name:

GREVILLIA AG PTY LTD (ABN 36 083 323 817)

Address 10 Bult Drive Brendale Queensland 4500 Australia.

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2. HAZARD IDENTIFICATION

Classified as hazardous under NOHSC

Hazard classification: irritant

Risk Phrases: R36/38 – Irritating to eyes and skin

Safety Phrases: S24/25 – Avoid contact with eyes and skin

S26 – in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Poisons Schedule: Not Scheduled

3. COMPOSITION & INGREDIENTS:

Name	CAS	Proportion
Vegetable oil esters	112-62-9	
	111-62-6	65-75%
Alcohol ethoxylate	68551-13-3	25-35%

4. FIRST AID INFORMATION

If Swallowed: Rinse mouth and drink plenty of water. DO NOT INDUCE VOMITING. Seek medical advice.

If Eye Contact Occurs: Flush with copious quantities of water with eyelids open for at least 15 minutes. Seek medical attention.

If Skin Contact Occurs: Immediately wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If Inhalation of vapour occurs: Remove affected person to fresh air and if affects persist, seek medical attention.

Advice To Doctor – Treat Symptomatically

5. FIRE FIGHTING MEASURES:

Extinguishing Media: Water fog, foam, carbon dioxide or dry chemical

Special Procedures: Wear breathing apparatus & Protective Clothing.

Hazardous Decomposition Products: On burning will emit toxic fumes including carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES:

Spills – Any spills will be slippery. Avoid secondary accidents and mop up spills immediately by absorbing onto inert chemical absorbent. Dispose of containers and product in accordance with local authorities.

7. HANDLING & STORAGE:

Storage: Store material in original containers in a cool, dry well-ventilated place out of direct sunlight. Keep containers closed at all times. Store away from foodstuffs.

Handling: Avoid eye contact, direct skin contact and breathing of spray mist.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION:

Occupational Exposure Limits: No value assigned for this specific material by the NOCHS.

Ventilation: Ensure adequate ventilation when using this material. Keep containers closed when not in use.

Personal protective clothing: Use gloves and eye/face protection when using this material. Use of long sleeves and long pants is strongly recommended. Wash clothing after each work period. Wash hands and face thoroughly when leaving work area or before ingestion of food and drink; and before smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: dark amber liquid

Melting Point: N/A

Boiling Point: not determined

Flash point: > 110 deg C

Specific Gravity: approx 0.9

Flammability limits: Not flammable

Solubility: dispersible in water.

10. STABILITY AND REACTIVITY

Stability & Materials to Avoid: Keep away from foodstuffs.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Primary routes for long term exposure to this item are via inhalation or skin or eye contact. To assist in preventing this type of exposure, please refer to Exposure Controls above.

Acute Affects:

Swallowed: Ingestion of large amounts may results in nausea and/vomiting.

Inhalation: Inhalation of large amounts of the mist during spraying operations can result in respiratory and/or mucous membrane irritation.

Eye Contact: The product may cause eye irritation.

Skin Contact: Prolonged contact can result in skin irritation. Repeated or prolonged skin contact may lead to dermatitic affects.

Chronic Affects:

No information available, no chronic affects expected.

12. ECOLOGICAL INFORMATION

Dams, waterways and sewers should not be contaminated with this product.

13. DISPOSAL CONSIDERATIONS

Container Disposal: Do not re-use containers for any purpose. Wash out with large quantities of water (preferably adding to spray tank for use) and dispose of container in accordance with local regulations.

Spills: Collect spilled material on chemical absorbent and dispose of spilled material and waste in sealable open-top type containers for disposal according to local regulations. Prevent from entering drains, waterways or sewers.

14. TRANSPORT INFORMATION

Considered non-dangerous goods by the Australian Code for Transport by Road and Rail.

UN No: none allocated.

DG Class: none allocated

Hazchem Code: none allocated

Packing Group: none allocated.

15. REGULATORY INFORMATION

Packaging Labeling: Caution.
Keep Out of Reach of Children.
Read Safety Directions Before Opening

AICS Status: All components are listed on the AICS.

Risk Phrases: R36/38 – Irritating to eyes and skin

Safety Phrases: S24/25 – Avoid contact with eyes and skin

S26 – in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Poisons Schedule: Not scheduled.

16. OTHER INFORMATION:

The information in this material safety data sheet refers to the concentrated material. When diluted as described on the label the acute health effects of exposure may be less severe.

This material safety data sheet supersedes all previous issues.

It is the responsibility of the Purchasers of this product to ensure that all safety information and environmental information is provided to any people who may use this product.

The information contained within this safety data sheet is correct to the best of our knowledge and is provided in good faith. Grevillia Ag cannot control the conditions in which it is used so therefore each user must, prior to usage, assess and control the risks arising from their use of the material

Contact Normal Hours: Mr. John Lever Phone: (07) 3205 1788

After Hours: Mr. John Lever Phone: 0428 727 300

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