

Issue Date: December 2006 (Supersedes November 2005)

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: **PROBUFF 700**

Product Code: **PBUFF**

Product Use: Acidifying and penetrating surfactant. Assists with uptake of foliar fertilizers and assists in management of spray droplet size.

Company Name:

GREVILLIA AG PTY LTD (ABN 36 083 323 817)

Address 10 Bult Drive Brendale Queensland 4500 Australia.

Emergency Tel 24hr 0428 727 300

Tel/Fax Tel: (07) 3205 1788 Fax: (07) 3205 4327

2. HAZARD IDENTIFICATION

Not classified as hazardous under Worksafe Australia criteria

Proper Shipping Name: None Allocated

UN Number: None Allocated

DG Class None: Allocated

Packing Group: None Allocated

Hazchem Code: None Allocated

Poisons Schedule: Not Scheduled

3. COMPOSITION & INGREDIENTS:

Name	CAS	Proportion
Propionic acid	70-09-4	30-40%
Soyal Phospholipids	8002-43-5	30-40%
Nonyl phenol ethoxylates	26027-38-3	10-30 %
Water		balance

4. FIRST AID INFORMATION

If Swallowed: Rinse mouth and drink plenty of water. Do NOT induce Vomiting. Seek medical advice immediately.

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

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

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

5. FIRE FIGHTING MEASURES:

Extinguishing Media: Dry Chemical or Alcohol Foam

Special Procedures: Wear breathing apparatus & Protective Clothing

Hazardous Decomposition Products: May produce Carbon dioxide or carbon monoxide

Unusual Hazards: Vapours may travel to source of ignition

6. ACCIDENTAL RELEASE MEASURES:

Spills – mop up spills immediately with chemical absorbent. Prevent material from entering drains. Place spilled material and absorbent into disposable containers for disposal at approved site.

7. HANDLING & STORAGE:

Storage: Store material in original containers. Do not transfer to other containers which may have other chemical contaminants present. Reseal container when not in use. Store out of direct sunlight. Store away from incompatible items as per Section 10.

Handling: Avoid skin & eye contact.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION:

Ventilation: ensure adequate ventilation when using this material.

Personal protective clothing: Use gloves and eye/face protection when pouring 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.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Dark brown liquid

Odour: Pungent, vinegar-like odour

Melting Point: N/A – product is a liquid

Boiling Point: not determined

Volatile Component: not determined

Specific Gravity: 1.035

Flammability: Not flammable

Solubility: Disperses in water.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Hazardous Polymerization Hazardous polymerization is not possible.

Materials to Avoid: Avoid contact with alkaline materials.

11. TOXICOLOGICAL INFORMATION

Primary routes for long term exposure to this item are via inhalation or skin contact. To prevent this type of exposure, please refer to Exposure Control above.

Acute:

Skin: May cause irritation and redness;

Eyes: Will cause irritation, tearing and redness.

Inhalation: Will cause irritation of the mucous membranes and respiratory tract. Prolonged inhalation of vapours or mists of this material will result in irritation of the nose, throat and lungs. Symptoms may include sore throat, nasal irritation, hoarseness of voice, coughing.

Acute Toxicity - Oral LD50 (rat) >5000 mg/kg for a similar formulation

Acute Toxicity – Dermal LD50 (rabbit) >5000 mg/kg for a similar formulation

Acute Toxicity – Inhalation LC50 (rat) (4hr) >6.04 mg/l for a similar formulation

Chronic:

No information available

12. ECOLOGICAL INFORMATION

The following information refers to the active ingredient propionic acid:

Acute Toxicity - Fish LC50 (96 hr) for bluegill sunfish is 210 mg/l.

LC50 (96 hr) for rainbow trout is 130 mg/l.

13. DISPOSAL CONSIDERATIONS

Container Disposal: Do not re-use containers for any purpose. Containers should be thoroughly rinsed with water immediately when empty. Crush empty containers after piercing (to prevent re-use) and dispose of in approved landfill site.

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

14. TRANSPORT INFORMATION

Considered non-dangerous good 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 Labelling: Caution. Keep Out of Reach of Children. Read Safety Directions Before Opening

AICS Status: All components are listed on the AICS.

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

.....End of MSDS.....