

MATERIAL SAFETY DATA SHEET



PCT International Pty Ltd

ABN 44 101 170 923

Unit 1 / 74 Murdoch Circuit, ACACIA RIDGE QLD 4110

sales@pct.au.com

Ph: 61 7 3711 7022

Fax: 61 7 3711 7055

PCT REACTOR™ WETTER 600 SURFACTANT

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE PRODUCT AND THE MANUFACTURER

Product Name PCT REACTOR Wetter 600 Surfactant
Product Code none
Product Use A surfactant, for use with insecticides, fungicides and herbicides.
Supplier PCT International Pty Ltd
ABN 44 101 170 923
Street Address Unit 1 / 74 Murdoch Circuit, ACACIA RIDGE QLD 4110
Telephone + 61 7 3711 7022
Facsimile + 61 7 3711 7055
Emergency telephone number 07 3711 7022

Creation Date: 23rd June 2010

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

| Ingredients | CAS NO. | Proportion (% weight/weight) |
|--|-----------|---------------------------------|
| Nonyl phenol ethylene oxide condensate | 9016-45-9 | 600g/L |
| other ingredients not considered to be hazardous | | to 100% |

MATERIAL SAFETY DATA SHEET

3. HAZARDS IDENTIFICATION

| | |
|------------------------------|--|
| Hazard Classification | HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code. |
| Risk Phrase(s) | R22 Harmful if swallowed. R41 Risk of serious damage to eyes. |
| Safety Phrase(s) | S13 Keep away from food, drink and animal feeding stuffs. S2 Keep out of reach of children. S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. S46 If swallowed, seek medical advice immediately and show this container or label. |
| Other Information | Poisons Schedule : Not Scheduled |

4. FIRST AID MEASURES

| | |
|-------------------------|---|
| Inhalation | Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice. |
| Ingestion | If poisoning occurs, contact a doctor or Poisons Information Centre on 13 11 26 (Australia). Rinse mouth and then drink plenty of water. |
| Skin | Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use. |
| Eye | If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. |
| Advice to Doctor | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|---|---|
| Suitable Extinguishing Media | Water fog, foam, carbon dioxide or dry chemical. |
| Hazards from Combustion Products | May emit toxic smoke and fumes if involved in fires or exposed to extreme heat. |
| Special Protective Equipment for fire Fighters | Breathable air apparatus may have to be worn if material is involved in fires especially in confined spaces. |
| Specific Hazards | The presence of alcohol in the product will allow it to flash, but it will not continue to burn unless the liquid is hot. |
| Hazchem Code | None Allocated. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|---|
| Spills & Disposal | Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal. |
| Personal Protection | For appropriate personal protective equipment (PPE), refer Section 8. |
| Environmental Precautions | Prevent from entering drains, waterways or sewers. |

MATERIAL SAFETY DATA SHEET

7. HANDLING AND STORAGE

Conditions for Safe Storage

Store in the closed, original container in a cool, well ventilated area.
Do not store for prolonged periods in direct sunlight.
Keep container tightly sealed and do not store with seed, fertilizers or foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards

No exposure standard has been established for this product.
NOHSC has set the following exposure standard for ethanol : TLV (TWA) 1,800 mg/m³, STEL -.

Engineering Controls Personal Protective Equipment

Handle in well ventilated areas- generally, natural ventilation is adequate.

Hygiene Measures

When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles.
After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.
After each day's use, wash contaminated clothing and safety equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|----------------------------------|
| Appearance | Clear colourless viscous liquid. |
| Boiling Point | >90°C |
| Vapour Density (Air=1) | >1 |
| Solubility in Water | Soluble in water. |
| Specific Gravity (H ₂ O=1) | 1.035 |
| Flammability | Combustible liquid C2. |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------|---|
| Chemical Stability | Stable under normal conditions. |
| Hazardous Polymerization | Hazardous polymerisation is not possible. |

11. TOXICOLOGICAL INFORMATION

| | |
|-------------------------|---|
| Inhalation Ingestion | Some temporary irritation may be experienced. Low toxicity. However, swallowing large amounts of concentrate may cause nausea and vomiting. |
| Skin | Prolonged contact with the concentrate can cause defatting of the skin and may result in dermatitis. |
| Eye | The concentrate may cause irritation of the eyes. |

12. ECOLOGICAL INFORMATION

| | |
|--|--|
| Known Harmful Effects on the Environment | May be harmful to aquatic life. |
| Other Precautions | Do not contaminate dams, waterways or sewers with this product or the containers which have held this product. |

MATERIAL SAFETY DATA SHEET

13. DISPOSAL CONSIDERATIONS

- Product Disposal** On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemCollect).
- Container Disposal** Do not use this container for any other purpose. Triple rinse containers, add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. If not recycling, puncture or shred and bury containers in local authority landfill. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

- Road and Rail Transport** Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road and rail
- Marine Transport** Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
- Air Transport** Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
- NON-DANGEROUS GOODS-**

15. REGULATORY INFORMATION

- Poisons Schedule** Not Scheduled
- Packaging & Labelling** KEEP OUT OF THE REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING
- Hazard Category** The product has been assessed according to the Worksafe criteria for classifying hazardous substances and is classified as hazardous.
- Risk Phrase(s)**
R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.
- Safety Phrase(s)**
S13 Keep away from food, drink and animal feeding stuffs.
S2 Keep out of reach of children.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

- Contact Person/Point** Mr David Pearson Phone: (07) 3711 7022
- Any advice, recommendation, information, assistance or service provided by PCT International Pty Ltd in relation to the goods supplied by it or their use or application is given in good faith and believed to be appropriate and reliable. However, it is provided with a disclaimer for any liability or responsibility on the part of PCT International Pty Ltd. The customer accepts all risk and responsibility for use of the goods alone, or in combination with other products. All warranties, guarantees and conditions, other than those expressly stated, and when implied by statute, common law, custom of the trade or otherwise, are to the extent that the law permits, expressly excluded.

...End of MSDS...