

# MATERIAL SAFETY DATA SHEET

PCT Holdings Pty Ltd Product: PCT REACTOR WETTER 1000 ACN 099 023 962 Issued: 16/10/2015

## PCT REACTOR WETTER 1000

Not classified as hazardous according to criteria of NOHSC

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name:** PCT REACTOR WETTER 1000

**Product Code:** none

**APVMA No:** 60790/0306

**Product Use:** A non-ionic 100% wetting agent, for the improvement of spray coverage when using agricultural chemicals.

**Supplier:** PCT Holdings Pty Ltd

**ACN:** 099 023 962

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**Telephone:** + 61 7 3711 7022

**Facsimile:** + 61 7 3711 7055

**Creation Date:** 16<sup>th</sup> October 2015

**Other Information:** This MSDS describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application.

Acute health effects of the diluted product are likely to be much less severe.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization:** Liquid

Ingredients	CAS No	Proportion (% weight/weight)
Alcohol alkoxyolate	103818-93-5	1000g/L

### 3. HAZARDS IDENTIFICATION

**Hazard Classification:** Not classified as hazardous according to the criteria of NOHSC.

Not classified as dangerous goods according to the Australia Code for Dangerous Good.

**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 swallowed DO NOT induce vomiting.

Give a glass of water.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with 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.

**First Aid Facilities:** If poisoning occurs, contact a doctor or Poisons Information Centre on 13 11 26 (Australia).

**Advice to Doctor:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Water fog, foam, carbon dioxide or dry chemical. Use water spray to cool containers or personnel threatened by fire.

**Hazardous Combustion Products:** Combustible, C2.

**Protective Equipment:** Breathable air apparatus may have to be worn in confined spaces.

**Other Information:** Hazchem code has not been assigned.

## 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.

## 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.

Do not store near oxidizers.

Keep container tightly sealed and do not store with seed, fertilisers or foodstuffs.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National Exposure Standards:** No exposure standard has been established for this product.

**Engineering Controls:** Handle in well ventilated areas, generally natural ventilation is adequate.

**Personal Protective Equipment:** 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.

**Hygiene Measures:** 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/Odour:** Clear colourless to slightly yellow liquid liquid. No odour.

**Melting Point:** <0°C

**Boiling Point:** >100°C

**Solubility in Water:** Soluble in water.

**Specific Gravity: (H<sub>2</sub>O=1)** 1.007

**Flammability:** Combustible liquid C2.

**Kinematic Viscosity:** 63cP @ 20°C

**pH: (10g/L water)** 6-8

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Hazardous Polymerization:** Hazardous polymerisation is not possible.

**Hazardous Reaction;** Violent reactions between the product and oxidising agents are possible.

Avoid chlorates, nitrates, nitric acid, organic peroxides and potassium chlorate.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information:** No harmful effects are expected if the precautions on the label and this MSDS are followed.

**Inhalation:** Not a likely route of exposure when handling the concentrate.

**Ingestion:** Amounts swallowed incidental to normal handling procedures and use are not expected to cause injury. Will cause irritation to mouth, throat and stomach.

If aspirated into the lung, e.g. from vomiting, the presence of the product may result in lung damage.

**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.

**Chronic Effects:** No information available, no chronic effects expected.

**Acute Oral Toxicity:** Species: rat LD<sub>50</sub> (mg/kg) >2000

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Fish toxicity: LC50, >1 mg/L Testing time (h): 96 Species: golden orfe.

**Persistence and Degradability:** Biodegradation: >Parameter: 28d Method; OECD 301B

**Other Precautions:** Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal:** 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.

drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMuster symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program. If not recycling, puncture or shred and bury containers in local authority landfill.

Empty containers and product should not be burnt.

## 14. TRANSPORT INFORMATION

**U.N. Number:** None Allocated

**Proper Shipping Name:** None Allocated

**DG Class:** None Allocated

**Hazchem Code:** None Allocated

**Packing Group:** None Allocated

**Storage and Transport:** Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. REGULATORY INFORMATION

**Poisons Schedule:** Not Scheduled

**Packaging & Labelling:** KEEP OUT OF THE REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**AICS (Australia):** All of the components in this product are listed on the Australian Inventory of Chemical Substances.

## 16. OTHER INFORMATION

**Contact Person/Point:** Mr David Pearson Phone: (07) 3711 7022

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...End Of MSDS...