

**CAUTION**  
KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# SURFACTANT 700

**ACTIVE CONSTITUENTS: 350g/L SOYAL PHOSPHOLIPIDS  
350g/L PROPIONIC ACID**

ACIDIFYING AND PENETRATING SURFACTANT  
REDUCES ALKALINE HYDROLYSIS OF DIMETHOATE  
ASSISTS WITH UPTAKE OF FOLIAR FERTILIZERS  
ASSISTS IN MANAGEMENT OF SPRAY DROPLET SIZE

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**APVMA Approval No: 60791/5L/0406**

\*Reactor is a registered trademark of  
PCT INTERNATIONAL PTY LTD  
(PCT Holdings Pty Ltd ABN 11 099 023 962)

**DIRECTIONS FOR USE:**

**RESTRAINT:** DO NOT use with copper products.

**RATES OF APPLICATION:**

SITUATION:	RATE/100L	CRITICAL COMMENTS
Addition to herbicides to improve spreading and penetration. <b>Glyphosate, 2,4-D, MCPA, Metsulfuron-methyl</b>	250 - 500mL	Use high rate on stressed or difficult to control weeds
Reduction of pH to reduce alkaline hydrolysis. <b>Dimethoate.</b>	100mL	Add to water in spray tank before adding Dimethoate
To improve uptake of foliar fertilizers	300 - 500mL	Tank mixing with other agricultural chemicals may increase the potential for crop damage - check with supplier
Assistance in droplet size management to partially reduce the number of fine droplets produced from hydraulic nozzles by air and ground.	300 - 500mL	Helps to reduce the number of fine droplets. PCT Reactor Surfactant 700 will reduce the fine droplets associated with, but not eliminate, off-target movement. This is contingent upon good agricultural spraying practise and appropriate nozzle choice. Refer to PCT representative for further advice and stewardship.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**GENERAL INSTRUCTIONS:**

PCT Reactor Surfactant 700 can be used where the addition of a wetter/spreader or self emulsifying oil is required or recommended on the agricultural chemical label.

**PENETRATION AND WETTER:**

PCT Reactor Surfactant 700 is a multipurpose adjuvant which is composed of natural surfactants and penetrants derived from soyabean oils. These are combined with propionic acid to produce a penetrant, surfactant, acidifier for use with herbicides, insecticides, fungicides, foliar fertilizers and plant growth regulators. The unique properties of PCT Reactor Surfactant 700 enhance the uptake of many systemic herbicides, allowing them to effectively penetrate into leaves, without causing damage to non-target crop plants.

**ACIDIFICATION:**

PCT Reactor Surfactant 700 also acts as an acidifier which will reduce pH, in most cases to between 4 and 5. This reduces losses due to alkaline hydrolysis and also assists with the uptake of weak acid herbicides.

**DROPLET SIZE MANAGEMENT:**

PCT Reactor Surfactant 700 will reduce the number of fine droplets (<150micron) produced by flat fan nozzles, without increasing the number of large spray droplets (>400micron). PCT Reactor Surfactant 700 will reduce the fine droplets associated with, but not eliminate, off-target movement of the pesticide being used. This is contingent upon good agricultural spraying practice and appropriate nozzle choice. DO NOT use in situations that are conducive to drift. Refer to PCT representative for further advice and stewardship.

**MIXING:**

Half fill the spray tank with water and commence agitation. Add the required quantity of PCT Reactor Surfactant 700 then add the recommended quantity of herbicide, insecticide or foliar fertilizer. Continue agitation while topping up the tank and during spraying. Do not use with copper products.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:**

**DANGEROUS TO FISH.** DO NOT contaminate streams, rivers or waterways with the chemical or used container.

**STORAGE AND DISPOSAL:**

Store in the closed, original container in a dry, cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

**SAFETY DIRECTIONS:**

Avoid contact with eyes and skin. Wash hands after use.

**FIRST AID:**

If poisoning occurs, contact a doctor or Poisons Information Centre.

**Phone Australia 13 11 26.**

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**MATERIAL SAFETY DATA SHEET:**

For further information refer to the Material Safety Data Sheet (MSDS).

**CONDITIONS OF SALE:**

"PCT Holdings Pty Ltd" (PCT) shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever and howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on PCT's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of PCT has any authority to add or alter these conditions.



**In an Emergency  
Dial 000  
Police or Fire Brigade**