

Product Name: PCT REACTOR SURFACTANT 700
APVMA Approval No: 60791/138457



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| Label Name: | PCT REACTOR SURFACTANT 700 |
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| Signal Headings: | CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING |
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| Constituent Statements: | ACTIVE CONSTITUENTS: 350 g/L SOYAL PHOSPHOLIPIDS 350 g/L PROPIONIC ACID |
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| Mode of Action: | |
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| Statement of Claims: | 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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| Net Contents: | 1 L - 1000 L |
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| Restraints: | RESTRAINT: DO NOT use with copper products |
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| Directions for Use: | This section contains file attachment. |
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| Other Limitations: | |
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| Withholding Periods: | |
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| Trade Advice: | |
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| General Instructions: | <p>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.</p> <p>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.</p> <p>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.</p> <p>DROPLET SIZE MANAGEMENT: PCT Reactor Surfactant 700 will reduce the number of fine droplets produced by flat fan nozzles, without increasing the number of coarse spray droplets. 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.</p> <p>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.</p> |
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| Resistance Warning: | |
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| Precautions: | |
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| Protections: | <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT: DANGEROUS TO FISH. DO NOT contaminate streams, rivers or watercourses with the chemical or used container.</p> |
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| Storage and Disposal: | <p>Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If not recycling, break, crush or puncture and deliver empty packaging to an approved water management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state, or territory government regulations. Do not burn empty containers or product.</p> |
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| Safety Directions: | <p>Will damage eyes. Will irritate the skin. Avoid contact with eyes and skin. When using together with other products, consult their label safety directions. When opening the container and preparing the spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield.</p> |
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| | Wash hands after use. After each day's use, wash gloves, face shield and contaminated clothing. |
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| First Aid Instructions: | If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor. |
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| First Aid Warnings: | |
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DIRECTIONS FOR USE:

| SITUATION | APPLICATION RATE / 100 L | CRITICAL COMMENTS |
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| Addition to herbicides to improve spreading and penetration. Glyphosate, 2,4-D, MCPA, Metsulfuron-methyl | 250 – 500 mL | Use high rate on stressed or difficult to control weeds |
| Reduction of pH to reduce alkaline hydrolysis. Dimethoate | 100 mL | Add to water in spray tank before adding Dimethoate |
| To improve uptake of foliar fertilizers | 300 – 500 mL | 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 - 500 mL | 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.