

STORAGE AND DISPOSAL

Store in the closed, original container in a 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. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and bury empty containers in a local authority. If not 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 pots.

Empty containers and product should not be burnt.

For Refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

COMPATIBILITY - ACIDIFYING -SURFACTAN AGENT

ACTIVE CONSTITUENT: 794 g/L AL YLAP /L POLYOXYETHYLENE GL YCOL PHOSPHATE ESTER

An adjuvant for use:

- to lower the pH in soray tanks or liquid fertiliser solutions;
- as a compatibility aid with tank mixes of pesticides, herbicides or foliar fertlisers;
- as a wetting agent or surfactant;
- as a cleaner for tanks, lines, screens & nozzles;
- as an anti-crusting agent for soils

SAFETY DIRECTIONS

May irritate the eyes, nose throat and skin. Avoid contact with eyes and skin. Avoid breathing spray mist. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia 13 11 26).

SAFETY DATA SHEET

Additional Information is listed in the Safety Data Sheet.



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CONTENTS: 20 LITRES

DIRECTIONS FOR USE

RESTRAINTS: DO NOT use in tank mixes with copper-based fungicides or copper fertilisers.

SITUATION	RATE	CRITICAL COMMENTS
Acidifying Agent (to lower pH)	30 to 60 mL per 100 L water	Add Steadfast, then pesticides after tank is at least half full.
Compatibility Agent	30 to 60 mL per 100 L water	Pesticides: When the spray tank is at least half full and continuing to fill with agitation, first add Steadfast, then add wettable powders and flowables. Allow to mix for 3 or 4 minutes. Then add emulsifiable concentrates, SLOWLY. Last, put other additives in the tank, such as stickers or extenders. No other surfactants, spreaders, wetting agents, or herbicide activators are needed as Steadfast is an excellent product for these functions.
	60 to 120 mL per 100 L water	Nitrogen Solutions & Liquid Fertiliser Solutions: To improve the compatibility of herbicide & insecticide combinations applied in nitrogen solutions or in liquid fertiliser solutions, add Steadfast to the fertiliser solution before the herbicides or insecticides are put into the tank.
Surfactant	30 to 120 mL per 100 L water	Steadfast functions as a spreader by helping to reduce the surface tension of spray water droplets. Steadfast is especially useful when applied with contact herbicides. Steadfast can be used with Paraquat herbicides to improve their activity by improving spreading and penetrating activity. When applying with Paraquat herbicides in combination with nitrogen solutions or liquid fertilisers, use Steadfast at the rate of 60 mL per 100 L. Always apply mixtures containing Paraquat herbicides with adequate water for coverage, generally 150 to 200 L of water or liquid fertiliser mix per hectare, when applied by ground applicator and at least 30 L of spray mix per hectare by alreads.
Tank Cleaning	30 to 120 mL per 100 L water	Steadfast is an excellent tank cleaner. Continued use of the product will help to keep tanks, lines, screens and nozzles clean.
Cotton Spindle Cleaning	60 mL per 100 L water	While filling picker tank with water, add Stradfast when about one-half full. Mix thoroughly with water by circulation of by stirring
Electrostatic, Conventional & Callenberg Type Spray Systems	15 to 30 mL per 100 L water	Continued use of Steadfast will help to keep tanks, lines, screens and nozzles clean from particle build-up associated with soluble bag and wettable powder formulations.
Anti-crusting Agent for Soils	2 L per 100 L water	Reduction or prevention of crusting is pecessary for any seeding operation of small-seeded vegetables. Increasing soil organic matter and limiting the number of secondary fillage operations that reduce soil particle size will help prevent soil crusting. In addition, applying Steadfast over the row at planting will help reduce later trusting caused by heavy, compacting rains. Apply 5 L of mix per 100 metres of row in a 5 to 10 cm band.

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

GENERAL INSTRUCTIONS

Steadfast is a concentrated compatibility-acidifying- surfactant agent designed to improve spray tank compatibility of pesticides, to lower the pH of spray tank water or liquid fertiliser solution and as a spreader for use with pesticides. Steadfast can be added to the spray tank or aircraft pre-mix tank. For most mixes, add Steadfast to the spray tank before any pesticides, after the tank is 1/2 to 3/4 full of water or liquid fertiliser, while the tank continues to fill, with the agitator running. Sequential mixing often causes spray tank problems

Acidifying Agent – Many agricultural chemicals degrade rapidly in high pH (alkaline) water. It is very common to have bore water or irrigation canal water with a pH of 8.0 or above.

Phosphate insecticides and many other pesticides degrade rapidly when placed in this water. This effect can reduce the activity of pesticides before the spraying operation is completed. Steadfast helps to protect the chemical investment through pH adjustment.

Steadfast will generally lower the pH of alkaline high pH1 water by 2 or more pH points. Reduction of pH will vary from one water to another, however Steadfast is active enough, in most waters, to adjust the pH into a safe range. Steadfast does not affect the soluble salt content of the water.

Compatibility Agent — Most pesticule applications are spray tank mixes of a number of products and types of product formulations. Many applications are made with minor incompatibilities, such as small floccules of product in the water. Most of these go unnaticed because they do not clog nozzles or screens. These minor incompatibilities often reduce the activity of the spray application. Steadfast is effective for maintaining good compatibility in the spray tank for most aquicultural spray products and formulations sprayed in water or in liquid fertiliser solutions.

To test compatibility of unprover mixes before placing them in the spray tank, use a simple bottle test of small proportioned amounts of each component to be added. Also use proper sequential mixing procedure for bottle test and spray tank. After each day's spraying, rinse tank, lines and nozzles with water.

PHYTOTOXICITY PRECAUTION

under some environmental conditions, some pesticides or pesticide combinations may cause phytotoxicity on prowing ularus. Surfactant products such as this product may increase the chance or the intensity of phytotoxicity. Use this product in a manner consistent with individual pesticide product recommendations. DO NOT use Steadfast in combination with Copper fungicides or Copper fertilisers, applied to foliage when the spray solution is pH 7 or below. Many Copper fungicides precipitate at low pH levels. Can be safely used with soluble fertilisers, applied to foliage at recommended label rates.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

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Batch No.

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