

Smart

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

700 Spray

SURFACTANT

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

- Acidifies
- Reduces Alkaline Hydrolysis
- Improves penetration
- Assists in Management of Spray Droplet Size



Distributed by Crop Smart Pty Ltd
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Crop Smart
better crop protection

Contents 20L, 110L & 1000L

APVMA Approval: 65442/110832

DIRECTIONS FOR USE:**RESTRAINT:**

DO NOT use with sulfonylurea herbicides.

RATES OF APPLICATION:

Situation	Application Rate	Critical Comments
Weed killing sprays General Use	100-200 mL/100L	Smart 700 Spray Surfactant can be used where addition of a wetter/spreader is required.
Hairy or waxy leaves eg Nutgrass Hard to wet leaves eg couch	300 – 500 mL/100L	Smart 700 Spray Surfactant improves penetration on difficult to wet leaves and in tall dense vegetation.
Very cold conditions Dry dusty situations	500 mL/100L	The higher rate of Smart 700 Spray Adjuvant assists penetration in difficult situations.
Glyphosate, Paraquat and 2,4-D To improve penetration To reduce the effects of hard water	250 – 500 mL/100L	Smart 700 Spray Surfactant is particularly beneficial with these herbicides to ensure even coverage of plant foliage and to increase absorption.
High pH or hard water To reduce loss of efficiency caused by high pH or hard water.	100 mL/100L	Addition of Smart 700 Spray Surfactant to the spray tank will adjust the pH to 3.5 – 5, which will overcome the degrading effect of alkaline hydrolysis caused by water with pH. Pesticide breakdown will be reduced and spray activity will be maintained.
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. Smart 700 Spray Surfactant will reduce the fine droplets associated with, but not eliminate, off-target movement. This is contingent upon good agricultural spraying practice and appropriate nozzle choice. Refer to Crop Smart 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

Smart 700 Spray Surfactant is a specifically designed adjuvant for use with herbicides and pesticides. Smart 700 Spray Surfactant enhances the penetration of herbicides in situations where leaves are hard to wet due to waxy or hairy surfaces or in very cold or dry dusty conditions. Smart 700 Spray Surfactant also reduces the degrading effect to many pesticides caused by alkaline hydrolysis. In situations where water is hard or has a high pH Smart 700 Spray Surfactant slightly acidifies the water which improves the performance of many and extends the effective life in the tank.

Droplet size management:

Smart 700 Spray Surfactant will reduce the number of fine droplets (<150micron) produced by flat fan nozzles, without increasing the number of large spray droplets (>400micron). Smart 700 Spray Surfactant 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 Crop Smart representative for further advice and stewardship.

MIXING

Half fill the spray tank with water and add Smart 700 Spray Surfactant under agitation. Add the recommended rate of agricultural chemical and top up the tank under agitation.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to fish.

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

STORAGE AND DISPOSAL

Keep out of reach of children. 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 recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and deliver empty packaging to an approved waste 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.

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 131126.

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

SAFETY DATA SHEET

For further information refer to the Safety Data Sheet (SDS)

CONDITIONS OF SALE:

Crop Smart Pty Ltd shall not be liable for any loss, injury, damage or death, whether consequential or otherwise whatsoever or 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 Crop Smart'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 Crop Smart has any authority to add to or alter these conditions."

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<p>IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE</p>
<p>CROP SMART PTY LTD EMERGENCY CONTACT 1300 783 481 AUSTRALIA WIDE, 24 HOURS</p>