

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

# PROBUFF 700

## SURFACTANT

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.



Proudly Australian

Pack Size/ Label Component	APVMA Approval Number
5 Litres	60699/5L/0206
10 Litres	60699/10L/0206
20 Litres	60699/20L/0206



Grevillia Ag Pty Ltd A.B.N 36 083 323 817  
 Po Box 5510, Brendale Qld 4500  
 23 Duntroon Street, Brendale Qld Australia  
 Ph: 07 3205 1788 Fax: 07 3205 4327  
 E-mail: admin@grevilliaag.com.au

### DIRECTIONS FOR USE

#### RESTRAINT

DO NOT use with copper products.

#### RATES OF APPLICATION

SITUATION	RATE per 100L	CRITICAL COMMENTS
Addition to herbicides to improve spreading and penetration. Glyphosate, 2,4-D MCPA, Metsulfuron-methyl	250 - 500mL	Use high rate on stressed or difficult to control weeds.
Reduction of pH to reduce alkaline hydrolysis. Dimethoate	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. PROBUFF 700 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 Grevillia Ag Crop Protection representative for further advice and stewardship.

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

#### GENERAL INSTRUCTIONS

PROBUFF 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:** PROBUFF 700 is a multipurpose adjuvant which is composed of natural surfactants and penetrants derived from soya bean 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 PROBUFF 700 enhance the uptake of many systemic herbicides, allowing them to effectively penetrate into leaves without causing damage to non-target crop plants.

**Acidification:** PROBUFF 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:** PROBUFF 700 will reduce the number of fine droplets (<150 micron) produced by flat fan nozzles without increasing the number of large spray droplets (>400 micron). PROBUFF 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 Grevillia Ag Crop Protection representative for further advice and stewardship.

#### MIXING INSTRUCTIONS

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

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

#### 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. 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 landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers 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: 13 1126** Australia wide. 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) which is available from the supplier.

#### CONDITIONS OF SALE

PROBUFF 700 is supplied as a high grade product and is suitable for the purpose which it is expressly intended and must be used in accordance with the directions for use. Because Grevillia Ag has no control over handling, storage or use of PROBUFF 700, the business makes no express or implied representations or warranty (other than non excludable statutory warranties). This product is sold on the condition that the buyer and/or user assumes all risks of the handling and use of PROBUFF 700 as well as the results obtained from its use.

B.N.....D.O.M.....

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