

CAUTION

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

Eurochem Buffer 700 Surfactant

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

**Acidifying and Penetrating Surfactant
Reduces Alkaline Hydrolysis of Dimethoate
Assists with Uptake of Foliar Fertilisers
Assists in Management of Spray Droplet Size**

Contents: 1 L to 1000 L

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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 – 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. Buffer 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 EuroChem 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

EuroChem Buffer 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

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

Acidification

EuroChem Buffer 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

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

MIXING

Half fill the spray tank with water and commence agitation. Add the required quantity of EuroChem Buffer 700 then add the recommended quantity of herbicide, insecticide or foliar fertiliser. 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 watercourses 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-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.

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

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.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS) which can be obtained from the supplier.

CONDITIONS OF SALE

The use of **EuroChem Buffer 700 Surfactant** being beyond the control of the manufacturer, no warranty expressed or implied is given by EuroChem Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and EuroChem Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

APVMA Approval No.: 88888/122746

Batch No:

DOM: