

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



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 FERTILIZERS
ASSISTS IN MANAGEMENT OF SPRAY DROPLET SIZE



PROUDLY

OWNED



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Apparent Buffer 700 SURFACTANT

DIRECTIONS FOR USE

RESTRAINT: DO NOT use with copper products.

RATES OF APPLICATION

SITUATION	RATE/100 L	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. Apparent Buffer 700 Surfactant 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 AI RR Apparent Pty Ltd 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: Apparent Buffer 700 Surfactant 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

Apparent Buffer 700 Surfactant 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 Apparent Buffer 700 Surfactant enhance the uptake of many systemic herbicides, allowing them to effectively penetrate into leaves, without causing damage to non-target crop plants.

ACIDIFICATION

Apparent Buffer 700 Surfactant 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

Apparent Buffer 700 Surfactant will reduce the number of fine droplets (<150 micron) produced by flat fan nozzles, without increasing the number of large spray droplets (>400 micron). Apparent Buffer 700 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 practise and appropriate nozzle choice. DO NOT use in situations that are conducive to drift. Refer to AI RR Apparent Pty Ltd representative for further advice and stewardship.

MIXING

Half fill the spray tank with water and commence agitation. Add the required quantity of Apparent Buffer 700 Surfactant 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.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT:

DANGEROUS TO FISH. 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 deliver empty packaging for appropriate disposal 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.

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

SAFETY DIRECTIONS

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. Wash hands after use. After each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID

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.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which is available from the supplier.

CONDITION OF SALE

The use of Apparent Buffer 700 Surfactant being beyond the control of the manufacturer no warranty expressed or implied is given by AI RR Apparent 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 AI RR Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

Additional information required under the Globally Harmonised System (GHS) classification of the substance/mixture:

Causes severe skin burns and eye damage. Causes serious eye damage.

Do not breathe mist, vapours or spray. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. Store locked up.

APVMA Approval
No: 67214/138399
Batch No:
Date of Manufacture:

Scan QR
code
to view
booklet
on mobile
device

