

CAUTION

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

Raizer 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



ADAMA

Formulation type

Soluble
Concentrate

SL

adama.com

CONTENTS: 1 L, 5 L, 20 L, 110 L, 200 L, 1000 L

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.		Helps to reduce the number of fine droplets. RAIZER 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 Adama 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

RAIZER 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

RAIZER 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 RAIZER 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

RAIZER 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

RAIZER 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). RAIZER 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 practice and appropriate nozzle choice.

DO NOT use in situations that are conducive to drift.

Refer to Adama representative for further advice and stewardship.

MIXING

Half fill the spray tank with water and commence agitation. Add the required quantity of RAIZER 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 container.

STORAGE AND DISPOSAL

Store in closed, original container in a cool, well-ventilated area.

DO NOT store for prolonged periods in direct sunlight. DO NOT store near feedstuffs, fertilisers or seed. Triple rinse containers before disposal.

Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return 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.

Envirodrum Micro Matic Valve (110 L): Store the original sealed Envirodrum in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler delivery system and hoses are disconnected, triple rinse with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the Envirodrum to the point of purchase. The Envirodrum remains the property of Adama Australia.

1000 L: Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Adama Australia should be advised immediately. This minibulk container is reusable and remains the property of Adama Australia. DO NOT rinse empty container. Empty contents fully into application equipment. Close all valves and return to the point of supply for refill or storage. No other liquid, solid or pesticide product should be put into it. When empty return to Adama Australia for cleaning, relabelling and refilling.

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.

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for RAIZER 700 Surfactant is available from adama.com or call Customer Service on 1800 423 262.

CONDITIONS OF SALE: The use of RAIZER 700 Surfactant being beyond the control of the manufacturer, no warranty expressed or implied is given by Adama Australia 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 Adama Australia accepts no responsibility for any consequence whatsoever resulting from the use of this product.

NOT A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE.

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