

# CAUTION

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

BARMAC

# Indicate 5

Bio-Degradable Adjuvant

## ACTIVE CONSTITUENTS:

266.2 g/L NONOXINOL-9

375.1 g/L PHOSPHORIC ACID DERIVATIVES

A wetter-spreader containing a pH indicator for use as a penetration, buffering and compatibility aid with alkaline sensitive pesticides, herbicides and foliar fertilisers.

pH 8.2

pH 6.8

pH 6.5

pH 6.3

pH 5.3

pH 4.5

Contents: 10 Litres

**BARMAC** (A division of Amgrow Pty Ltd) ABN 81 100 684 786

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# Indicate 5

Bio-Degradable Adjuvant

## DIRECTIONS FOR USE

**RESTRAINTS:** Caution should be exercised when using Barmac Indicate 5 Adjuvant with certain bound copper fungicides.

Consult pesticide label recommendation.

WATER HARDNESS	INDICATION OF QUANTITY REQUIRED mL/100L WATER
Soft	40-50
Medium	50-60
Hard	60-80
Very Hard	180-220
Extremely Hard	220+

**NOT TO BE USED FOR ANY PURPOSES, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

## GENERAL INSTRUCTIONS

Barmac Indicate 5 Adjuvant is an adjuvant containing a combination of non-ionic and anionic components and is suitable for ground and aerial applications. It has excellent wetting spreading properties thereby helping to reduce the possibility of chemical damage to the plant caused by concentrated droplets. Barmac Indicate 5 Adjuvant improves cuticular penetration and increases plant uptake of systemic herbicides, insecticides and foliar nutrient sprays.

Barmac Indicate 5 Adjuvant prevents rapid hydrolysis (degradation) of alkaline sensitive pesticides such as glyphosate, organo-phosphates, carbamates, synthetic pyrethroids and chlorinated hydrocarbons. It contains a unique pH indicator that turns the colour of the spray water pink when the optimum pH range of 4.5-5.5 has been reached. Barmac Indicate 5 Adjuvant improves the compatibility of emulsifiable concentrates with foliar nutrients.

## MIXING INSTRUCTIONS

Fill spray tank with required quantity of water then add Barmac Indicate 5 Adjuvant with agitation until required colour change is observed. (Refer below) Barmac Indicate 5 Adjuvant has a built-in pH indicator. Add Barmac Indicate 5 Adjuvant to water until the optimum pH range of 4.5 to 5.5 is reached. This will be indicated by the colour change. Soft water requires a lower rate of product and turns pink immediately upon reaching the desired pH. Hardwater, however needs a higher rate of Barmac Indicate 5 Adjuvant and a gradual colour change from yellow through to orange to pink occurs.

**Note:** Further addition of Barmac Indicate 5 Adjuvant after the pink colour has been obtained may result in lower than recommended water pH. Caution should be exercised when using Barmac Indicate 5 Adjuvant with certain bound copper fungicides. Check product recommendations when using these products. To ensure good surfactant properties, use a minimum of 60 mL Barmac Indicate 5 Adjuvant per 100L water.

The above table is only an indication of the quantity of Barmac Indicate 5 Adjuvant required to adjust water to the desired pH range of 4.4 to 5.5. If the desired colour change is not observed after adding the selected quantity of product, the optimum pH range has not been reached. Continue adding Barmac Indicate 5 Adjuvant at a rate of 10 mL/100L water, with constant agitation, until the correct

shade is obtained. To ensure good surfactant properties, use a minimum of 60 mL Barmac Indicate 5 Adjuvant per 100L water. A routine check on the pH after the addition of the required rate of Barmac Indicate 5 Adjuvant is advisable.

## PROTECTION OF LIVESTOCK

DO NOT feed lawn or grass clippings from treated areas to poultry or livestock.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

## STORAGE AND DISPOSAL

Store in a closed original container in a cool well ventilated area away from children, animals, food, feedstuffs, seed and fertiliser. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinses containers before disposal. Add rinsing to spray tank. DO NOT dispose of undiluted chemical 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 local authority landfill. If no landfill is available, bury containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening container and preparing spray solution wear face shield or goggles, wash hands after use. After each days use, wash face shield or goggles.

## FIRST AID

If poisoning occurs contact a doctor of Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting. Give a glass of water. 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.

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet available from Barmac or on our website [www.barmac.com.au](http://www.barmac.com.au)

**NOTICE:** This product is designed only for the particular purposes indicated on the label. Failure to use the product strictly as directed may be illegal, prove dangerous and render the product ineffective. The buyer or user is responsible for any misuse or negligence in the handling, storage, use of or disposal of this material. Barmac will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply and use of this product other than

those responsibilities mandatorily imposed by Statutes applicable to the sale and supply of these goods.

APVMA Approval No.: 62850/44116



Batch Number



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Date of Manufacture