



DANGER

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

S A C O A

N - FLOW™

FERTILISER TREATMENT

N- FLOW™ IS A UNIQUE, HIGHLY CONCENTRATED COMPATIBILITY AID FOR LIQUID FERTILISERS (SUCH AS CSBP FLEXI-N® AND CSBP FLEXI-NS®) , WHEN USED AS A CARRIER TO ALLOW STABLE, HOMOGENEOUS MIXING OF PESTICIDES SUCH AS PRE-EMERGENT AND KNOCKDOWN HERBICIDES.

CONTENTS
20L



SACOA N-FLOW™ FERTILISER TREATMENT

DIRECTIONS FOR USE

RESTRAINTS: DO NOT use in tank mixes with post emergent pesticides, as application may affect selectivity of some herbicides and may cause crop damage. N-FLOW™ DOES NOT assist pesticide products with specialised surfactant systems, such as Roundup® Powermax when incorporated/tank mixed with CSBP Flexi-N® or other UAN solutions. If unsure, **always conduct a jar test before tank mixing or seek specialist advice.**

SITUATION	RATE/Ha	CRITICAL COMMENTS
Where liquid fertiliser is being used as a carrier for pre-emergent herbicides, particularly Emulsifiable Concentrates (EC) formulations.	100 - 200mL per 30 - 70L CSBP Flexi-N® or other UAN solutions.	Mix N-FLOW™ into the fertiliser solution BEFORE the herbicides or insecticides are added into the tank. Follow Mixing Instructions provided on this label.
Nitrogen solutions & liquid fertiliser solutions where working temperatures are below 10°C.	125 - 250mL per 30 - 70L CSBP Flexi-N® or other UAN solutions.	N-FLOW™ is effective when mixing and applying solutions during cold weather conditions. Use the higher rate when fluid temperatures are less than 5°C.
Multiple tank mix combinations .	200 - 500mL per 30 - 150L CSBP Flexi-N® or other UAN solutions.	CAUTION: Jar test first if unsure about compatibility.

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

WITHHOLDING PERIOD: ALWAYS follow the withholding period recommendations provided on the relevant pesticide label(s).

GENERAL INSTRUCTIONS

N-FLOW™ is a compatibility agent for direct addition to liquid fertilisers. It should be used where simultaneous application of liquid fertiliser and a pesticide is desired and improved stability of the mixture is required. Compatibility of liquid fertiliser-pesticide mixtures is essential to ensure trouble-free, accurate and uniform application. Crop protection chemicals do not always mix evenly with liquid fertilisers or the components may separate too quickly to make their combined use of practical value. Incompatibility may be due to pH, concentration and type of certain salts and percentage of water content of the liquid fertiliser.

MIXING INSTRUCTIONS: N-FLOW™ is effective in improving the compatibility and stability of most liquid fertiliser-pesticide mixtures. However due to the wide variety of liquid fertiliser-pesticide combinations possible, the beneficial effects of N-FLOW™ should be tested before using full scale by conducting a jar test. Once this has been done follow these mixing instructions:

1. Start with a clean tank, three quarters filled with the required amount of fertiliser solution (and water if diluting)
2. Add correct rate of N-FLOW™ Fertiliser Treatment to the liquid fertiliser under constant agitation for at least 5 minutes
3. Add correct rate of desired pesticide product slowly while agitating vigorously. If different formulation types are to be mixed:
 - a. Add wettable powders first. It is recommended that these be premixed with a small amount of water before being added to tank.
 - b. Dry flowables second
 - c. And finally liquid formulations.
4. Maintain constant agitation prior to and during spray application.

COMPATIBILITY: If unsure of compatibility a small scale jar test should be conducted, or seek expert advice.

PRECAUTIONS: DO NOT use with post emergent pesticides and crop protection products that are applied once the crop has emerged, as application could affect selectivity of some herbicides and may cause crop damage.

RE-ENTRY PERIOD: ALWAYS follow the re-entry period recommendations provided on the relevant pesticide label(s).

PROTECTION OF CROPS, NATIVE & OTHER NON-TARGET PLANTS: DO NOT apply under weather conditions or from spraying equipment which may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift off site by using correctly calibrated application equipment fitted with suitable spray nozzles.

PROTECTION OF LIVE STOCK: Follow pesticide label recommendations. Do not graze treated pastures for at least 7 days after fertiliser application.

PROTECTION OF WILDLIFE, FISH, CRUSTACEAN AND THE ENVIRONMENT: Dangerous to fish. DO NOT contaminate dams, rivers or streams with the product or used container. DO NOT apply to weeds growing in or over water. DO NOT spray over open bodies of water.

STORAGE AND DISPOSAL: Store in the closed, original container in a cool, well-ventilated, dry place away from oxidising agents. Do not store for prolonged periods in direct sunlight. Keep containers tightly closed at all times – check regularly for leaks. Do not reuse empty container. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank, then dispose of container in an appropriate manner. 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 and product should not be burnt.

SAFETY DIRECTIONS: CAUTION : Harmful if swallowed. Will irritate eyes and skin. Avoid contact with eyes and skin. This product contains specially formulated surfactants blended with potentially corrosive organic acid, and maybe harmful if it comes in contact with eyes and skin. Do not inhale spray mist. When preparing spray and using the prepared spray wear elbow-length PVC gloves and face shield. After use and before eating, drinking, smoking, wash hands and face thoroughly with soap and water. After each day's use, wash gloves and face shield and contaminated clothing.

FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre Handling (Phone 13 11 26)

- **If in Eyes:** Severe eye irritant. Corrosive to eyes, contact can cause cornea burns. Immediately flush with water for at least 15 minutes, eyelids to be held open, then seek immediate medical assistance.
- **If on Skin:** Remove contaminated clothing. For skin burns, immediately flood burnt area with plenty of water and cover with a clean, dry dressing. Seek immediate medical advice.
- **If Swallowed:** Immediately rinse mouth with water. Give plenty of water to drink. Do NOT induce vomiting. Seek urgent medical assistance Call a physician immediately.
- **If Inhaled:** Remove victim to fresh air; seek medical assistance if effects persist.

MATERIAL SAFETY DATA SHEET: If additional hazard information is required refer to the Material Safety Data Sheet (MSDS). These are available from place of purchase or visit our website at www.sacoa.com.au.

EMERGENCY INFORMATION: This product is a Class 8 Corrosive; UN NO 3265; Hazchem 2X; P.G. III. In a Transport Emergency Dial 000, Police or Fire Brigade. For Specialist advice in an emergency only, call 08 9386 7666 (24 hours).

MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY: The Manufacturer and the Seller offer this product and the Buyer and User accepts it subject to the foregoing conditions of sale and warranty, which may be varied only by agreement in writing signed by duly authorised representative of the manufacturer.

SACOA has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representation or warranties concerning this product (other than non-excludable statutory warranties) will apply. SACOA accepts no liability for any loss or damage arising from incorrect storage, handling, use, or from extraordinary weather conditions or other influencing factors.

DISTRIBUTED BY: SACOA Pty Ltd, Suite 40-41, 145 Stirling Hwy, Nedlands, WA 6009. Ph: 08 9386 7666.

The information on this label is correct as of the publication date (April 2005) but is subject to change without notice. Notices of label amendments are available at www.sacoa.com.au.

DOM:

BATCH #: