

DANGER
KEEP OUT OF REACH
OF CHILDREN



LOKIT[®]



BUFFERING AGENT & NON-IONIC SURFACTANT

FOR REDUCING PH OF AGRICHEMICAL SPRAY SOLUTIONS, WITH A
COLOR CHANGE INDICATOR AND NON-IONIC SURFACTANT.

grochem



AGRECOVERY

www.agrecovery.co.nz

BATCH:

PROPER SHIPPING NAME:

**Propionic Acid
UN No. 1848**

DOM:



NET CONTENTS

5L

GLOK/0525

DISTRIBUTED BY: Grochem[®], a brand of ADAMA New Zealand Ltd.
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LOKIT®

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

WARNING: Harmful if Swallowed. Causes severe skin burns and eye damage. May cause long lasting harmful effects to aquatic life. Harmful to terrestrial vertebrates.

Lokit® is a true buffering agent and not an acidifier. Application of Lokit to water for use as a spray solution will reduce water pH to acidity more suitable to most agrichemicals.

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from foodstuffs. Avoid direct sunlight and temperatures below 5°C and above 35°C. Storage must be generally in accordance with NZS8409:2004 Management of Agrichemicals. When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture (D.O.M.). Contact your supplier for further information about the use of any product that is older than this.

DISPOSAL: Dispose of this product only by using according to the label, or at an approved landfill, or another approved facility. Avoid contamination of any water supply with product or empty container. Triple rinse empty container and add rinsate to spray tank. Recycle at an appropriate recycling depot (eg Agrecovery).

EQUIPMENT: Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

SPILLAGE: Wear protective clothing and prevent material entering waterways. Absorb spill with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

FIRST AID: Immediately call a POISON CENTRE or doctor/physician. If medical advice is needed, have product container or label at hand. If swallowed, rinse mouth,

do NOT induce vomiting. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin or hair, remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.

24-hour Emergency Telephone Number – for advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately. For specialist advice in an emergency only, call 0800 CHEMICAL (24hrs) or 0800 243 6225. In a transport emergency dial 111.

SAFETY DATA SHEET: A Safety Data Sheet (SDS) for Lokit is available from www.grochem.com or Grochem on request.

HANDLING: Do NOT breathe dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing including eye/face protection and suitable respirator.

CONDITIONS OF SALE: Grochem®, a brand of ADAMA New Zealand Limited (Grochem) will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of Grochem is limited to the replacement of the goods or (at the option of Grochem) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Grochem within thirty days of delivery.

DIRECTIONS FOR USE

Buffering generally results in a pH of between 4 and 5.

INDICATOR:

- When pH is greater than 5 Lokit will produce a faint orange colour.
- When pH below 5 Lokit will produce a bright pink/red colour.

GENERAL INSTRUCTIONS:

- Surfactant content – this product is primarily a buffering agent. The use rate of Lokit will vary depending on pH of water source. If the agrichemical being applied requires the use of a surfactant for optimum results Lokit should not be considered a replacement, depending on rate of Lokit used a lower rate of surfactant may be suitable. Seek advice from your agrichemical supplier.
- Not recommended with foliar nutrition products. Nor for aerial applications.
- Read agrichemical label carefully before use, restrictions on use of surfactants and/or acidifiers on agrichemical label have precedence over directions for use on this label.
- If in any doubt on appropriateness of Lokit in combination

with agrichemical, please test on a small area first before using on a full scale application.

MIXING:

- Add Lokit to spray tanks first.
- Fill spray tank to 2/3 fill with water.
- Add Lokit and mix/ agitate well.
- Take sample from tank and confirm colour is pink/red. If still orange add another 50-100ml per 100L of Lokit, agitate and then recheck. If colour changes still does not occur, test pH.
- Add agrichemicals in appropriate order.

RECOMMEND FOR USE WITH: Insecticides, fungicides, herbicides and plant growth regulators. Including BAPSoL 100, Captan, GIB-47, Glyphosate, Growth and NAA and other products that perform at their optimum at an acidic pH of 4.0-5.0.



Situation	Application Rate	Critical Comments
Buffering agent for – Plant growth regulators, herbicides, insecticides and fungicides.	50-100ml per 100L	Addition to all sprays, unless formulations contain sufficient wetter content.