

Main Panel

KYNOBUFF

Reg. No./Nr. L4246, Act No./Wet Nr. 36 of/van 1947

**READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

A pH buffer for increasing the efficiency of pH sensitive agricultural remedies and improving the wetting and spreading properties of spray mixtures.

'n pH-buffer vir die verhoging van doeltreffendheid van pH-gevoelige landboumiddels en die verbetering van die benattings- en verspreidingsienskappe van spuitmengsels.

ACTIVE INGREDIENT:

Organic buffer system and
alcohol ethoxylate

.....493,6g/ℓ

AKTIEWE BESTANDDEEL:

Organiese buffersisteem en alcohol
etoksilaat

Net Volume



Netto Volume



DANGER

GHS Hazard Statement

Causes severe skin burns and eye damage.

GHS Precautionary Statements

Do not breathe mist, vapours or spray.

Wash thoroughly after handling.



REGISTRATION HOLDER / REGISTRASIEHOUER:

Nulandis® (A division of AECI Limited)/ Nulandis® ('n Afdeling van AECI Beperk)

Reg. No. / Nr. 1924/002590/06

P.O. Box / Posbus 14418

Witfield, 1467

Tel : (011) 823 8000

www.aeciworld.com / www.aeciworld.com

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL ;
0861 555777 / 082 446 8946

Batch No:

Lotnommer:

DATE OF MANUFACTURE:

VERVAARDIGINGSDATUM:

UN No. / VN Nr. 3265. CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S (ACETIC ACID SOLUTION)

Pamphlet

KYNOBUFF

Reg. No. L4246, Act No. 36 of 1947

**READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

A pH buffer for increasing the efficiency of pH sensitive agricultural remedies and improving the wetting and spreading properties of spray mixtures.

ACTIVE INGREDIENT:

Organic buffer system and alcohol ethoxylate..... 493,6 g/l



DANGER

REGISTRATION HOLDER:

Nulandis® (A division of AECI Limited)

Reg. No. 1924/002590/06

P.O. Box 14418

Witfield, 1467

Tel : (011) 823 8000

KYNOBUFF lowers the pH of alkaline spray water and increases the pH of acidic spray water of natural origin to an optimum range of 4,0 to 6,5 where it is buffered.

KYNOBUFF is added to spray water at a constant volume regardless of pH or hardness.

KYNOBUFF improves the wetting and spreading properties of spray mixtures.

WARNINGS:

GHS Hazard Statement

Causes severe skin burns and eye damage.

Observe all warnings that are applicable to products with which **KYNOBUFF** will be used. Keep out of reach of children, uninformed persons and animals.

Keep away from food and feeds.

Keep container closed when not in use.

Prevent contamination of food, feed, drinking water and eating utensils.

ALTHOUGH THIS REMEDY HAS BEEN EXTENSIVELY TESTED UNDER A WIDE VARIETY OF CONDITIONS, THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFICACIOUS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL SOIL, CLIMATIC AND STORAGE CONDITIONS, QUALITY OF DILUTION WATER, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AS WELL AS BY METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR FOR THE OCCURRENCE OF CONDITIONS, WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

GHS Precautionary Statements

Do not breathe mist, vapours or spray.

Wash thoroughly after handling.

Wear protective gloves, protective clothing, eye protection & face protection.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and non-abrasive soap.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED: Call a POISON CENTRE or doctor/ physician if you feel unwell.

Triple rinse the empty container: Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	Classification
		EC1272/2008
Acetic acid	20-30%	Skin corrosion (Category 1B) H314.
Isotridecanoethoxylate	1-10%	Acute toxicity oral (Category 4) H302. Serious eye damage (Category 1) H318.

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **KYNOBUFF** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

FIRST AID:

In case of inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

In case of skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

In case of eye contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

In case of ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.

NOTE TO PHYSICIAN:

Treat symptomatically.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

Most plant protection products are unstable at low (acidic) or high (alkaline) pH and the efficacy is adversely affected when the pH is too low or too high. Most products are stable at a pH range of 4,0 to 6,5.

KYNOBUFF is used at a constant volume and without titration, regardless of the acidity, alkalinity or hardness of the spray water (of natural origin) to adjust the pH to the optimum range.

KYNOBUFF also contains a low concentration wetting and spreading agent to improve wetting of plant surfaces and spreading of the spray mixture. As a result of the addition of a constant volume of **KYNOBUFF** to spray water, overdosing with a wetting agent and impairing the persistence of the spray deposit are unlikely to occur.

The function of the violet dye in **KYNOBUFF** is only to indicate that after the addition the pH of the spray water has been adjusted.

Add **KYNOBUFF** first to spray water before adding the agricultural remedies.

APPLICATION TABLE:

USE	DOSAGE	REMARKS
Adjustment and buffering pH of spray water at 4,0 to 6,5 and improvement of wetting and spreading properties of spray mixtures.	100 ml / 100 l water	Only use when necessary.

