ALLBUFF

Reg. No.: L6154 Act No. 36 of 1947
Namibia: N-AR 0898

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

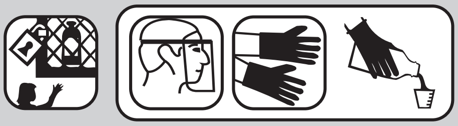
ACTIVE INGREDIENT:
organic buffer system and alkylated phenol ethylene oxide condensate ………………… 484,7 g/ℓ

REGISTRATION HOLDER:
Arysta LifeScience South Africa (PTY) LTD
Co. Reg. No.: 2009/019713/07
7 Sunbury Office Park , Off Douglas Saunders Drive
La Lucia, 4019 • Tel: (031) 514-5600

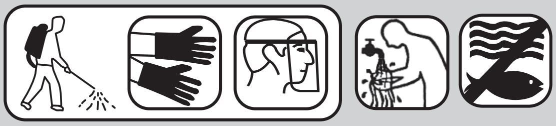
DISTRIBUTOR:
PROTEK, a division of **PE-BEE Agri (PTY) LTD**
Co. Reg. No.: 2005/036308/07
P.O. Box 72, Heidelberg, 1438
Tel: (011) 812 9800 or 0861 PROTEK (0861 77 68 35)
www.proteksa.co.za

EMERGENCY NO.: 082 446 8946

UN No.: 2790



CAUTION



READ THE LABEL IN DETAIL BEFORE OPENING THE CONTAINER.
For full particulars, see enclosed leaflet.

WARNINGS:
- Observe all warnings that are applicable to products with which **ALLBUFF** will be used.
- Handle with care.
- Can cause severe irritation to eyes and skin.
- Store in a cool, dry place, away from food, feeds, seed, fertilizers and other agricultural chemicals.
- Keep container closed when not in use.
- Keep out of reach of children, uninformed persons and animals.

Although this adjuvant has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, incompatibility with substances not indicated on the label as well as by the 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 to 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:
- Do not inhale spray mist and vapour.
- Avoid contact with skin and eyes.
- Wear protective rubber gloves and a face mask when handling, mixing and applying the product.
- Wash with soap and water after use and accidental skin contact.
- Wash contaminated clothing after use.
- In case of eye contact, flush eyes immediately with clean running water, for at least 15 minutes.
- In case of skin contact, wash immediately with clean running water and do not rub the skin.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face or changing clothing.
- Avoid drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Wash application equipment thoroughly after use. Dispose of wash water in a safe manner and do not contaminate crops, grazing, rivers, dams and boreholes.
- **TRIPLE RINSE** empty containers in the following manner. Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

PRODUCT PROPERTIES:
- **ALLBUFF** lowers the pH of alkaline 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.
- **ALLBUFF** is added to spray water at a constant volume regardless of pH or hardness.
- **ALLBUFF** improves the wetting and spreading properties of spray mixtures.

DIRECTIONS FOR USE: Use only as directed.

Most plant products are unstable at a 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.

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

ALLBUFF 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 **ALLBUFF** to spray water, overdosing with wetting agent and impairing the persistence of the spray deposit are unlikely to occur.

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

Add **ALLBUFF** first to spray water before adding chemical.

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.	10 mℓ/10 ℓ water	Only use when necessary.

ALLBUFF

Reg. Nr.: L6154 Wet Nr. 36 van 1947
Namibia: N-AR 0898

‘n pH Buffer vir die verhoging van doeltreffendheid van pH-gevoelige landbouchemikalieë en verbetering van die benattings- en verspreidingseienskappe van spuitmengsels.

AKTIEWE BESTANDDEEL:
organiese buffersisteem en gealkileerde fenoletileenoksied kondensaat………………… 484,7 g/ℓ

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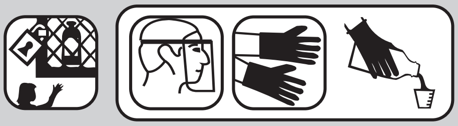
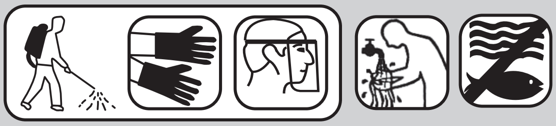


VERSIGTIG



LEES DIE ETIKET VOLLEDIG VOORDAT DIE HOUER OOPGEMAAK WORD.
Vir volledige besonderhede, sien ingeslote pamflet.

WAARSKUWINGS:
- Gehoorsaam alle waarskuwings wat van toepassing is op die produkte wat saam met **ALLBUFF** gebruik word.
- Hanteer versigtig.
- Kan ernstige irritasie van oog en vel veroorsaak.
- Berg in ‘n koel, droë plek, weg van voedsel, voer, saad, misstowwe en ander landbou chemikalieë.
- Hou die houer dig wanneer nie in gebruik.
- Hou buite bereik van kinders, oningeligte persone en diere.

Alhoewel hierdie bevorderingsmiddel omvattend onder 'n groot verskeidenheid toestande getoets is waarborg die registrasiehouer nie dat dit effektief sal wees onder alle toestande nie aangesien die werking en effek daarvan beïnvloed kan word onder abnormale klimaats- en bergingstoestande, kwaliteit van verdunningswater, onverenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plante of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om as gevolg van die ontstaan van toestande wat n:e kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAATREËLS:
- Moet nie spuitnewel en dampe inasem nie.
- Vermy kontak met oog en vel.
- Dra beskermende rubber handskoene en gesigskerm wanneer die produk hanteer, vermeng en toegedien word.
- Was met water en seep na gebruik en na toevallige velkontak.
- Was besoelde klere na gebruik.
- In geval van oogkontak, spoel oë onmiddellik uit met skoon lopende water, vir ten minste 15 minute.
- In geval van velkontak, was onmiddellik met skoon lopende water en moet nie die vel hard vryf nie.
- Moet nie eet, drink of rook tydens meng en toediening nie en voordat hande en gesig gewas is en skoon klere aangetrek is nie.
- Verhoed wegdrywing van die spuitnewel na ander gewasse, weidings, riviere, damme en areas nie onder behandeling of na naasliggende waterbronne.
- Maak toedieningsapparaat deeglik skoon na gebruik. Gooi spoelwater uit waar dit nie gewasse, weiding, riviere, damme en boorgate sal besoedel nie.
- Leë houers moet **DRIEKEER UITGESPOEL** word soos volg. Keer die leë houer om oor die spuittenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot ‘n gedrup verminder het. Spoel die houer daarna driekeer uit met ‘n volume water gelykstaande aan ‘n minimum van 10% van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word.
- Vernietig die houer deur gate in te kap en plat te slaan en doen weg daarmee op ‘n veilige manier.
- Moet nie die leë houer vir enige ander doel hergebruik nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

PRODUKEIENSKAPPE:
- **ALLBUFF** verlaag die pH van alkaliese en verhoog die pH van suur spuitwater, van natuurlike oorsprong tot by ‘n optimum pH van 4,0 tot 6,5 waar dit gebuffer word.
- **ALLBUFF** word teen ‘n konstante volume by spuitwater gevoeg ongeag die pH of hardheid.
- **ALLBUFF** verbeter die benattings- en verspreidingseienskappe van spuitmengsels.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui:

Die meeste plantbeskermingsprodukte is onstabiel by ‘n lae (suur) of ‘n hoë pH (alkalies) en word die doeltreffendheid benadeel wanneer die pH van die spuitmengsel te hoog of te laag is. Meeste middels is stabiel by’n pH-reeks van 4,0 tot 6,5.

ALLBUFF word teen ‘n konstante volume en sonder titrasie gebruik, afgesien van suurheid, alkaliniteit of hardheid van die spuitwater (van natuurlik oorsprong) om die pH binne die optimum reeks te korrigeer.

ALLBUFF bevat ook ‘n lae konsentrasie benattingsmiddel om die benatting van en die verspreiding op die plantoppervlakte te verbeter. Die byvoeging van ‘n konstante volume **ALLBUFF** by spuitwater, skakel ‘n oordosis benattingsmiddel uit wat die nawerking van die spuitneerslag kan benadeel.

Die funksie van die blou kleurstof in **ALLBUFF** is slegs om na byvoeging aan te dui dat die pH van die spuitwater reeds aangepas is.

Voeg **ALLBUFF** eers by die spuitwater voordat die middel bygevoeg word.

GEBRUIK:	DOSIS:	OPMERKINGS:
Verstel en buffer van pH van spuitwater by 4,0 tot 6,5 en verbetering van benattings- en verspreidingseienskappe van spuitmengsels.	10 mℓ/10 ℓ water	Gebruik slegs wanneer nodig.