

Bladbuff® 7

Reg. No./Nr L8121, Act No./Wet Nr. 36 of/van 1947
Botswana Reg. No./Nr W 130555, Act No./Wet Nr. 18 of/van 1999
Namibian Reg. No./Namibiese Reg. Nr. N-AR 0823

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

A water quality improving agent containing wetting and spreading agents, humectants and acidifiers with a built-in pH indicator for use with contact and systemic pesticides, fungicides, herbicides and foliar feeds.

'n Waterkwaliteitverbeteringsmiddel wat benatting-, verspreiding- en versuringseienskappe asook 'n pH indikator besit vir die gebruik saam met sistemiese- en kontak plaagbeheermiddels, swamdoders, onkruiddoders en blaarvoedings.

ACTIVE INGREDIENTS / AKTIEWE BESTANDDELE:

Phosphoric acid /Fosforsuur 353 g/l
Ethoxylated phosphate ester/ Etoksilaat fosfaatester 169 g/l
Methyl red (pH indicator) /Metiel rooi (pH merker) 0.8 g/l

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:

AECI® Limited)/ AECI® Beperk

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

P.O. Box / Posbus 14418

Witfield, 1467

Tel : (011) 823 8000

www.aeciph.com / www.aeciworld.com

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

Bladbuff® 7 is a registered trademark of AECI® Limited)/'n geregistreerde handelsmerk van AECI® Beperk

Batch No:

Lotnommer:

DATE OF MANUFACTURE:

VERVAARDIGINGSDATUM:

UN No. / VN Nr. 1805 PHOSPHORIC ACID SOLUTION.

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WARNINGS:

GHS Hazard Statement

Causes severe skin burns and eye damage.

The addition of **Bladbuff 7** to spray mixtures containing certain copper fungicides, particularly oxychlorides, is not recommended, due to the possibility of phytotoxicity.

Bladbuff 7 is corrosive and should not be stored in metal containers.

Keep out of reach of children, uninformed persons and animals.

Store away from food and feeds.

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, COMPATIBILITY WITH OTHER 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 ADJUVANT CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR 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 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.

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

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.

Bladbuff 7 is an adjuvant containing a combination of non ionic and anionic components and is suitable for ground and aerial applications.

Bladbuff 7 reduces and buffers the pH of the spray solution.

Contains a unique pH indicator which turns the colour of the spray water pink upon reaching the optimum pH range of 4,5 - 5,0.

Has excellent wetting and spreading properties which improve pesticidal performance (especially herbicides) and reduces the possibility of phytotoxicity.

Improves cuticular penetration and uptake of systemic pesticides and foliar nutrient sprays.

Prevents rapid hydrolysis (degradation) of alkaline sensitive pesticides such as organophosphates, carbamates, synthetic pyrethroids and chlorinated hydrocarbons.

Improves the compatibility of emulsifiable concentrates with foliar nutrient products.

Neutralises certain dissolved salts and decreases the E.C. (Electrical Conductivity) of hard spray waters up to the optimal pH range.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	Classification
		EC1272/2008
Tristyryl phenol-polyethylene glycol-phosphoric acid ester	1-10 %	Eye irritation (Category 2) H319.
Phosphoric acid	20-30%	Skin corrosion (Category 1B) H314.

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **Bladbuff 7** and is 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 immediately.

NOTE TO PHYSICIAN:

Treat symptomatically.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

DO NOT EXCEED 300 ml / 100 l WATER WHEN USED ON CUCUMERS, MELONS, WATERMELONS, ROSES AND TOBACCO

The pH and hardness of spray solutions may have a negative effect on the persistence and ultimate performance of contact and systemic, alkaline-sensitive pesticides and foliar applied nutrient products. Such pesticides and most foliar nutrients generally perform best at a pH ranging from 4,5 - 5,0.

Always add **Bladbuff 7** to the spray water before adding the other components of the spray mix.

Bladbuff 7 contains a pH sensitive indicator which changes the colour of spray-water to a shade of pink when the optimum pH range of 4,5 - 5,0 has been reached.

The determination of the exact amount of **Bladbuff 7** to be added to the spray water must always be established in an open container (jug, bucket, etc.) and not by observing the colour change in the dark confines of the spray tank itself.

Soft water requires a low concentration of **Bladbuff 7** and turns pink rapidly upon reaching the desired pH. Hard water will require a higher concentration of **Bladbuff 7** and in this instance a gradual colour change from yellow to orange and finally a stable pink colour (pH 4,5 - 5,0) will be observed.

In hard waters the addition of **Bladbuff 7** must be continued whilst agitating constantly until the colour change is observed.

The following table merely serves as a general guideline regarding the quantity of **Bladbuff 7** required to adjust the pH of different waters to a level ranging from 4,5 - 5,0.

APPLICATION TABLE:

<i>Water Hardness Rating</i>	<i>Application Rate ml / 100 l Water</i>
Soft	40 – 50
Medium	50 – 60
Medium Hard	100 – 120
Hard	180 – 200
Very Hard	220 and above

