

MaXsil[®] ULTRA

Complexed Liquid Silicate

Reg. No. K 11741 Act No. 36 of 1947 / Reg Nr. K 11741 Wet Nr. 36 van 1947

READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

Group/Groep

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Fertilizer/Kunsmis

A COMPLEXED LIQUID POTASSIUM SILICON FERTILIZER FOR FOLIAR FEEDING AND FERTIGATION ON CROPS AS LISTED. THIS PRODUCT CONTAINS PLANT-AVAILABLE SILICON, A FUNCTIONAL NUTRIENT ELEMENT THAT IMPROVES PLANT GROWTH.

Danger



Hazard Statements:

- Causes skin irritation.
- Causes serious eye damage.



Precautionary Statements:

- Keep only in original container.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.

Composition:

Potassium (K)	59.0 g/kg	72.5 g/L
Silicate (Si)	35.9 g/kg	44.1 g/L
Nitrogen (N)	93.5 g/kg	115.0 g/L

S.G (at 20°C): 1.23

Registration Holder / Registrasiehouer: N Laboratories (PTY) LTD • Reg No.: 2015/165672/07
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Maxsil[®] is a registered trademark of N Laboratories (PTY) LTD / Maxsil[®] is 'n geregistreerde handelsmerk van N Laboratories (EDMS) BPK.

Net Volume:



20 L



ZAR 003

Performance

WARNINGS:• **GHS Hazard Statements:**

Pictograms and Signal word	Hazard Statements	
Danger  	H315	Causes skin irritation.
	H318	Causes serious eye damage.

• **Relevant Substance:**

Name	CAS No.	Weight (%)
Potassium hydroxide	1310-58-3	4.92
Potassium silicate solution	1312-76-1	16.78

Although this fertilizer 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 the application. Furthermore, the registration holder does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal, or lack of performance of the fertilizer 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:• **GHS Precautionary Statements:**

P234	Keep only in original container.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P302 P361 P353	IF ON SKIN (or hair): Take off all contaminated clothing immediately. Rinse skin with water/shower.
P305 P351 P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.

- Clean applicator and mixing containers thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
- 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.
- Do not re-use container for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

DIRECTIONS FOR USE:

- SHAKE BEFORE USING:
- Use only as indicated on this label.
- Use exclusively as fertilizer.

Row Crops:	
Foliar Applications:	Dilute 200 ml/100 L water and apply to the crop (Max concentration of 2 L/ha in high water volumes).
Soil Applications:	2.5-10 L/ha application.
Tree Crops and Vines:	
Foliar Applications:	Dilute 250 ml/100 L water and apply as a full cover application (Max concentration of 5 L/ha in high water volumes).
Soil Applications:	5-10 L/ha per application, dilute 1:1000 and apply 3-6 times through the growth periods.

Mixing: Maxsil® Ultra should preferably be applied in the early morning or late afternoon. The rate of application is dependent on the soil fertility and reaction required. The lower rates should be used for maintenance while the higher rates will correct nutritional deficiencies. Apply all applications as foliar or soil applications. When adding to spray tank mixture do not regulate the pH under 7. Maxsil® Ultra is a complexed silicate and can be mixed with nutrients like Ca and Mg but limit the mixture time. If possible, rather apply separately in 2 different applications to the crop.

Storage: Maxsil® Ultra should be stored out of direct sunlight and in a dry and cool place under frost-free conditions. Keep the product locked up and out of the reach of children and animals. Avoid contamination of foodstuff or water sources.

Crop	Rate/100 L Water	Remarks
Bean: Dry & Green	200 ml	Apply at 4-8 leaf stage and repeat during flowering.
Berry: Blackberry, Blueberry, Currants, Elderberry, Raspberry	200 ml	Apply at 4-6 leaf stage and repeat every 14-21 days.
Bulb Vegetables: Bulb onion, Garlic, Leek, Spring onion	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Cereal Grains: Barley, Rice, Sorghum Grain, Wheat	5 L/ha	Apply at flag leaf stage and repeat during flowering (anthesis).
Cherry	200 ml	Apply 4-6 applications during the growing season 14-28 days apart.
Citrus: Lemon, Lime, Mandarin, Orange, Grapefruit	250 ml (Max 5 L/ha)	Apply 4-6 applications during the growing season 14-28 days apart, starting at the beginning of spring (September).

Crop	Rate/100 L Water	Remarks
Cruciferae: Broccoli, Brussels sprouts, Cabbage, Chinese cabbage, Kale, Kohlrabi, Mustard	200 ml	Apply at 4-6 leaf stage and repeat every 14-21 days.
Cucurbit: Cucumber, Melon, Watermelon	200 ml	Apply at 4-6 leaf stage and repeat every 14-21 days.
Kiwi Fruit	200 ml	Apply 4-6 applications during the growing season 14-28 days apart.
Leafy Vegetables: Chard, Chicory, Lettuce, Mung bean sprouts, Radish, Spinach, Watercress	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Maize	5 L/ha	Apply at 15 cm shoot height and repeat during flowering.
Nuts: Hazelnut, Macadamia, Pecan, Pistachio, Walnut	250 ml (Max 5 L/ha)	Apply 4-6 applications during the growing season 14-28 days apart, starting at the beginning of spring (September).
Olive	15 L/ha	Apply 4-6 soil applications during the growing season at a month apart.
Ornamental	5-10 L/ha	Apply every 14 days.
Peanut	5 L/ha	Apply at 4-6 leaf stage and repeat every 21 days.
Pepper	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Pome Fruit: Apple, Pear	10-15 L/ha	Apply at 4-6 soil applications during the growing season at a month apart.
Potato	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Pumpkin	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Root and Tuber Vegetables: Arrowhead, Beetroot, Carrot, Radish, Sugar Beet, Sweet potato	200 ml	Apply at 4-6 leaf stage and repeat every 14-21 days.
Seedling	10 ml/10 L	Drench weekly.
Soybean	5 L/ha	Apply at 4-6 leaf stage and repeat during flowering.
Stone Fruit: Almond, Apricot, Nectarine, Peach, Plum, Prune	10-15 L/ha	Apply 4-6 soil applications during the growing season at a month apart.
Strawberry	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Sugarcane	15-25 L/ha	Apply at 30 cm high and 28 days later.

Crop	Rate/100 L Water	Remarks
Sugarcane	15-25 L/ha	Apply at 30 cm high and 28 days later.
Sunflower	5 L/ha	Apply at 20 cm high and repeat during flowering.
Table Grape & Vines	200 ml	Apply 4-6 soil applications during the growing season at a month apart.
Tobacco	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Tomato	5 L/ha	Apply at 4-6 leaf stage and repeat every 14-21 days.
Tropical and Sub-Tropical Fruits: Avocado, Banana, Date, Guava, Litchi, Mango, Papaya, Passion Fruit, Pineapple, Pomegranate, Prickly pear	250 ml (Max 5 L/ha)	Apply 4-6 applications during the growing season 14-21 days apart, starting at the beginning of spring (September).
Turf	5 L/ha	Apply every 14 days.