

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



SKOFFEL® 200 SUPER

Reg. No. L 6328 Act/Wet No. 36 of/van 1947
W 130059 / N-AR 1097

5: 15/7/2013–Jan2017

A water-soluble herbicide for the control of annual grasses and broadleaf weeds in crops as listed and for fire breaks and industrial use. Inactivated on contact with soil.

'n Wateroplosbare onkruidodder vir die beheer van eenjarige grasse en breëblaaronkruid in gewasse soos aangedui en vir voorbrande en industriële gebruik. Onaktief na aanraking met grond

ACTIVE INGREDIENTS / AKTIEWE BESTANDELE

paraquat ion (bipyridyl) **200 g/l** parakwat ioon (bipiridiel)
(as dichloride salt) **274 g/l** (as dichloriedsout)

HRAC HERBICIDE GROUP CODE **D** HRAC ONKRUIDDODER GROEPKODE



villa

Registration holder / Registrasiehouer:

Universal Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07

PO Box / Posbus 801, Kempton Park, 1620

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Willow Set & Print 011 394-4486



**TOXIC
GIFTIG**



GERUUKSAANWYSYNGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS PRINTED
ON CONTAINER/BAG

Batch number:
Lotnommer:



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UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801

KEMPTON PARK, 1620 Tel. (011) 396 2233

**TOXIC****GIFTIG****WARNINGS**

- Handle with extreme care.
- Poisonous by skin contact, swallowing and inhaling.
- **SKOFFEL® 200 SUPER** is an eye and skin irritant.
- Toxic to fish, bees and wildlife.
- Store under lock and key in a cool place, away from food, feeds, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area within 2 days after treatment unless wearing protective clothing.
- **Keep livestock out of treated areas for 3 weeks.**
- **SKOFFEL® 200 SUPER** can kill if swallowed or inhaled - never repack from this container.
- **In case of poisoning call a doctor and make this label available to him/her.**

Although this remedy 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 soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the weeds to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further 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 event of any uncertainty.

PRECAUTIONS

- Do not inhale the spray mist or fumes.
- Wear protective clothing: an overall, rubber boots, gloves, a face shield and respirator, when handling, preparing and applying the spray mixture.
- Wash with soap and water after use or after accidental skin contact.
- Wash contaminated clothing daily after use.
- Do not eat, drink or smoke whilst mixing or applying the product, or before washing hands and face and change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams and areas not under treatment or to nearby water sources.
- Thoroughly clean the applicator directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining 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 a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the 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.

SYMPTOMS OF HUMAN POISONING

Immediate effects depend on the dose of **Paraquat** absorbed into the blood and effects may be delayed. Ingestion of small quantities may cause harm and larger quantities may lead to death. Damaged skin will lead to increased rates of absorption of **Paraquat**.

Early signs of poisoning are vomiting and painful mucous membranes in mouth and throat. In severe cases diarrhoea follows and kidney and liver damage may develop 1 to 3 days after exposure. Lung damage can be observed after about 3 days and may lead to death. The concentrate can lead to serious eye damage, sometimes delayed up to 24 hours. Exposure to spray mist may cause nose bleeding and soreness of mouth and throat.

FIRST AID TREATMENT

- Remove the patient from the source of poisoning and keep him/her calm and at rest.
- **Inhalation:** Remove the patient from exposure area to fresh air immediately. Keep affected person calm and reassured. Get medical attention immediately. **Do NOT administer supplementary oxygen.**
- **Skin contact:** Immediately remove contaminated clothing, shoes and leather goods (e.g. watch bands and belts). Wash the contaminated skin gently and thoroughly with non-abrasive soap and water. Do not rub the skin. If the skin is damaged, the **Paraquat** can be absorbed through the skin. Emergency personnel should wear gloves and avoid contamination. **If irritation persists, get medical attention immediately.**
- **Eye contact:** Immediately flush eyes with lukewarm, gently flowing water for at least 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. If irritation, redness or burning sensations develop, **get medical attention immediately.**
- **Ingestion:** **Do not** induce vomiting. Wash mouth with water and give water to drink. **Seek medical advice immediately.**

NOTE TO PHYSICIAN

Rapid treatment is essential. **Induce vomiting if the person hasn't vomit as expected.** Wash out the stomach and test urine and gastric aspirate (if clear) for presence of **Paraquat**. Give up to 1 litre of a 15 % aqueous suspension of Fuller's Earth, orally or via gastric tube, together with suitable purgative (200 ml of an aqueous solution of mannitol). Repeat the administration of the absorbent plus purgative until absorbent is seen in stools. This should normally take between 4 to 6 hours after start of treatment.

Do NOT administer supplementary OXYGEN.

RESISTANCE WARNING

SKOFFEL® 200 SUPER is a group code D herbicide. Any weed population may contain individuals naturally resistant to **SKOFFEL® 200 SUPER** and other group code D herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **SKOFFEL® 200 SUPER** or any other group code D herbicide.

To delay herbicide resistance:

- avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with products from different herbicide group codes,
- integrate other control methods (chemical, cultural, biological) into weed control programmes.

For specific information on resistance management contact the registration holder of this product.

USE RESTRICTIONS

- Do not use application equipment or spray pressures which result in the formation of a fine spray mist such as, mistblowers, ULV applicators and other similar equipment.
- Do not use muddy water.
- Avoid drift onto adjacent crops as green plant tissue will be damaged by the spray. **Do not spray buds or green parts of any crop.**

DIRECTIONS FOR USE: Use only as directed.

General information:

- **SKOFFEL® 200 SUPER** controls most annual grasses and emerged broadleaf weeds.
- **SKOFFEL® 200 SUPER** has no residual action as it is inactivated rapidly on contact with soil.

- **SKOFFEL® 200 SUPER** scorches and controls the green plant parts above soil of most annual weeds. Regrowth often happens due to regrowth of sub-soil plant structures (e.g. stolons or bulbs).

Compatibility:

SKOFFEL® 200 SUPER is compatible with **Develop 800 WDG/Extend 800 WDG, Terbuweed 600 WDG/Terbucide 600 WDG, Surflan® 480 SL, Metolachlor 960 EC** and Villa approved surfactants.

Consult the labels for **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE**.

Mixing instructions:

- Mix the required amount of **SKOFFEL® 200 SUPER** with clean water in the spray tank.
- For optimal performance add an adjuvant such as **Summit Super** or **Villa 51** at the registered rate.

Application instructions:

Ground application:

- **SKOFFEL® 200 SUPER** can be applied with conventional tractor spray equipment or by means of a knapsack sprayer. It is important that the sprayer will be in good working order and calibrated prior to application, to ensure the correct delivery rate per hectare and that even distribution of the spray mixture is obtained over the target area.
- Use a spray boom fitted with flat-fan nozzles.
- Apply in at least 200 litres water per hectare. Use high volume and high dose rate for treatment of dense weed growth situations.

APPLICATION RATES

IMPORTANT

Refer to **USE RESTRICTIONS** above and **NOTES ON WEED CONTROL** below.

<i>Crop</i>	<i>Dosage per ha</i>	<i>Remarks</i>
<u>All crops</u> Stale seedbed method	1.25 to 2.0 ℓ	Prepare the seedbed with a fertilizer, irrigate and let the weeds emerge, to cover the surface. Apply and sow within 3 days, without working the seedbed. This method is especially useful for crops for which no other herbicide is registered. Crops may also be sown a few days before spraying.
Minimum cultivation	1.5 to 4.0 ℓ	Apply before or just after planting annual crops. May be mixed with a corresponding residual herbicide.
<u>Afforestation</u>	2.5 to 3.75 ℓ	Spray around young trees with a special appliance.
<u>Bananas, Tea and Coffee</u>	1.25 to 2.5 ℓ	Apply through a low pressure and flood jet nozzle.
<u>Citrus, Avocados, Papayas, Pecans, etc.</u>	1.25 to 5.0 ℓ	In citrus only, it can be mixed with a suitable residual herbicide.

Crop	Dosage per ha	Remarks
<u>Deciduous fruit</u>	2.5 to 5.0 ℓ	Spray as necessary from spring onwards. Mix with Simazine for residual effect in pome fruit only.
<u>Fire breaks</u>	2.5 to 3.75 ℓ	Two months before the onset of the fire season: Spray a 1 to 2 metres wide band (the sparser the vegetation the wider the band) on both sides of an untreated strip (or about 10 m from a road or canal). Burn the sprayed bands 3 weeks later, while the unsprayed areas are still green and not likely to burn. The strip in between can be burned relatively safely as soon as the first frost or drought occurs to dry the strip and it becomes easy to burn.
<u>Industrial areas</u> Young weeds	2.5 ℓ	Use 500 to 1000 litres spray mixture per hectare, depending on density of the weeds.
Mature weeds	5.0 ℓ	
<u>Lucerne</u> (over 6 months old)	2.5 to 5.5 ℓ	Apply just before dormancy breaks or after cutting, before re-growth of lucerne occurs.
<u>Potatoes</u> Haulm destruction	2.5 to 5.0 ℓ	Use 200 to 500 litres water per hectare. Do not apply if haulms show signs of wilting, as tuber damage may occur. Spray ONLY if at least 5 hours sunshine is expected.
<u>Sugarcane</u>	1.5 to 3.0 ℓ	Directed spray post-emergence in plant and ratoon cane. Should the spray come into contact with green cane leaves, scorching will occur, but this is only a temporary effect. Other suitable herbicides may be added for residual effect.
(Plant and Ratoon Crops)	2.5 ℓ / ha PLUS 2.0 kg / ha Develop 800 WDG	Pre- and post-emergence in tank mixtures with other herbicides. Apply early to late post-emergence:
<u>Vegetables</u> (grown in rows)	1.25 to 2.5 ℓ	Use a knapsack sprayer with a suitable shield, to protect all parts of the crops from spray and mist. Do not spray onto the crop.
<u>Vineyards</u>	2.5 to 5.0 ℓ	Apply overall when weeds are 10 to 15 cm high, before bud burst of the vines. Subsequently as a directed spray.

POST-EMERGENCE APPLICATION OF SKOFFEL® 200 SUPER PLUS TERBUWEED 600 WDG PLUS SURFLAN® 480 SC OR METOLACHLOR 960 EC FOR CONTROL OF WEEDS IN VINES

SKOFFEL® 200 SUPER 5.0 ℓ/ha	PLUS	PLUS	OR
		Terbuweed 600 WDG 2.0 kg/ha	Surflan® 480 SC 4.5 ℓ/ha
WEEDS CONTROLLED			
THE FOLLOWING WEEDS ARE NORMALLY CONTROLLED AT THE DOSAGE RATE AS INDICATED ABOVE:			
Botanical name		Common name	
<i>Digitaria sanguinalis</i>		Crab finger grass	
<i>Euphorbia helioscopia</i>		Umbrella milkweed	
<i>Fumaria muralis</i>		Fumetory	
<i>Setaria pallide-fusca</i>		Red / garden bristle grass	

NOTES

- Refer to the **Skoffel® 200 Super, Surflan® 480 SC, Extend 800 WDG, Terbuweed 600 WDG** and **Metolachlor 960 EC** labels for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE** and list of additional weed species controlled

NOTES ON WEEDS CONTROLLED

Inconsistent and variable control of weeds, even at high rates, may be experienced due various reasons such as:

- Stress conditions such as drought, cold or heat stress.
- Plants with foliage with pronounced waxy layers (e.g. *Portulaca oleracea*, *Chenopodium album*, *Gisekia pharnacoides*).
- Inconsistent relationship between above soil and subsoil plant tissue (e.g. *Conyza bonariensis* after dry periods or growth during the winter).
- Plants with natural resistance to **Paraquat** based products (e.g. *Commelina benghalensis*, *Ipomoea* spp., *Malva parviflora* and *Conyza bonariensis*).
- Acquired resistance due to the repeated use of **Paraquat** and/or **Glyphosate** (e.g. *Lolium* spp. and *Conyza bonariensis* [confirmed resistance in the RSA]).
- Poor coverage and penetration of exposed leaves (e.g. *Argemone subfusiformis*).
- Regrowth by plants with bulbs and tubers e.g. *Cyperus* spp.
- Growth tips protected by leaf sheets covering growth points or surface growth points.
- Periods or growth during the winter.
- Poor water quality.

The following products mentioned in this label may be replaced with equivalent products:

- **VILLA 51** (L 8050, W 130454, N-AR 1090) = **WEN 51** (L 8315),
- **SUMMIT SUPER** (L 8539) = **BENEFIT PLUS** (L 8538),
- **DEVELOP 800 WDG** (L 9109) = **EXTEND 800 WDG** (L 9108) (**Diuron**),
- **TERBUWEED 600 WDG** (L 8800) = **TERBUCIDE 600 WDG** (L 8799) = **TERBUMAIS 600 WDG** (L 8798),
- **METOLACHLOR 960 EC** (L 7136 / W 130057 / N-AR 1362) = **PLATINUM 960 EC** (L 7434) = **PLATINUM 960 EC** (L 8129) and
- **SURFLAN® 480 SC** (L 7523) = **SUMMON 480 SC** (L 9262).

EXTEND 800 WDG, TERBUCIDE 600 WDG, SUMMON 480 SC and/en **METOLACHLOR 960 EC** are registered products of / is geregistreerde produkte van **Universal Crop Protection (Pty) Ltd.**

VILLA 51, WEN 51, SUMMIT SUPER, TERBUWEED 600 WDG, PLATINUM 960 EC, SURFLAN® 480 SC and/en **DEVELOP 800 WDG** are registered products of / is geregistreerde produkte van **Villa Crop Protection (Pty) Ltd.**

SKOFFEL® 200 SUPER is a registered trademark of / is 'n geregistreerde handelsmerk van **Universal Crop Protection (Pty) Ltd.**

TERBUMAIS 600 WDG and/en **PLATINUM 960 EC** is a registered product of / is 'n geregistreerde produk van **Cropasure (Pty) Ltd.**

BENEFIT PLUS is a registered product of / is 'n geregistreerde produk van **Farmkem Speciality Products (Pty) Ltd.**

SURFLAN® 480 SC is a registered trademark of / is 'n geregistreerde handelsmerk van **United Phosphorus Limited (Pty) Ltd.**