

Power-Up[®] DRI



Reg. No. L11307 Act No. 36 of 1947

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

Power-Up DRI is a granular ammonium sulphate-based adjuvant that will reduce alkaline water pH, complex certain antagonistic ions in carrier water and enhance the activity and compatibility of foliar applied glyphosate herbicides.



WARNING

ACTIVE INGREDIENT

Ammonium Sulfate
Acidifying system
Humectant
Wetter / Spreader

Total active ingredients

Contains a defoamer.

1000 g/kg

HAZARD STATEMENTS:

Causes serious eye irritation.
Causes mild skin irritation.

PRECAUTIONARY STATEMENTS:

Wash affected area thoroughly after handling.
Do not touch eyes.
If eye irritation persists: Get medical help.

Rolfes
Agri

Emergency contact details
Office Hour Poisoning Helpline
Rolfes Agri (Pty) Ltd.
Tel: +27 (12) 803 0145

Registration holder: Rolfes Agri (Pty) Ltd.
(Reg. No. 1998/013411/07) • 288 Mundt Street, Walthoo, 0184,
Gauteng, RSA. • Tel: (012) 803-0145

Spill Response and Transport incidents
Spill Tech, Oil and chemical pollution control
Tel: +27 (86) 100 0366 / +27 (83) 253 6618
www.spilltech.co.za



LIFT HERE

Store at room temperature • Keep out of direct sunlight
Keep container closed when not in use

WARNINGS

- Adhere to all warnings that apply to the product or products with which **POWER-UP®DRI** is to be used.
- Observe caution when using **POWER-UP®DRI** with any pesticide other than glyphosate.
- **DO NOT** use **POWER-UP®DRI** with herbicides that require an alkaline spray solution (pH > 7).
- Store in a cool, dry, well-ventilated place.
- Store away from food, feeds, seeds, fertilizers and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Adhere to the re-entry interval and requirements as indicated on the herbicide label.

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 climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest or disease against the pesticide used 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 animals 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 registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Wash affected area thoroughly after handling. Do not touch eyes.
- Wear protective gloves/protective clothing/eye protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical help.
- Rinse cautiously with water for several minutes.

RELEVANT SUBSTANCES

Poly Alkyl Glucoside < 10%

PRODUCT PROPERTIES

- **POWER-UP®DRI** contains an organic acidifying system that when applied correctly will acidify the majority of spray solutions to a pH of between 4 - 6 depending on the initial water quality.
- **POWER-UP®DRI** contains an electrolyte tolerant wetting/penetrating agent to improve the wetting, spreading and contact of the remedy with plant foliage.
- **POWER-UP®DRI** increases the rate of uptake and transport of the herbicides in the plant.
- **POWER-UP®DRI** helps prevent alkaline hydrolysis of pH sensitive herbicides.

USE RESTRICTIONS

- **POWER-UP®DRI** should not be used with any herbicide not listed on this label as it may improve the efficacy of certain herbicides to such an extent that the mixture may lose its selectivity and cause damage to the crop.
- Test the mixture on a small scale before applying it on a large scale.

DIRECTIONS FOR USE: Use only as indicated.

Compatibility: **POWER-UP®DRI** is compatible with **Muscle-Up® K 500 SL**, **Muscle-Up® K 500 SG**.

Mixing instructions:

- Fill the spray tank half with clean water. Dissolve **POWER-UP®DRI** completely in a small amount of water before adding to the spray tank while agitating.
- Add the herbicide and then the remainder of the water while agitating.
- In the event of tank mixes, add **POWER-UP®DRI** first. Always add the herbicide last.
- **DO NOT** add any other adjuvants or surfactants to the spray tank mix.
- Maintain adequate agitation during application.
- Spray mixture should not be left in the spray tank for a long period of time.
- Spray equipment should be rinsed thoroughly after use of **POWER-UP®DRI** to remove all ammonium sulphate residues.

Application rates:

WATER QUALITY (EC - ELECTRICAL CONDUCTIVITY*) Before addition of POWER-UP®DRI		POWER-UP®DRI APPLICATION RATE	
	Micro Siemens per cm (µS/cm)	%	per 100 liters water
Good	0 to 500	0.2%	200 g
Average	500 to 1000	0.5%	500 g
Poor	> 1000	1 %	1 kg

Note:

If a water analysis is available that indicates the levels of calcium (Ca²⁺), magnesium (Mg²⁺), sodium (Na⁺) and potassium (K⁺) / or EC, your Rolfe's Agri representative can determine the precise amount of product to be used. This calculated amount may be outside the 0.25 to 1 % rate range, depending on the water quality of the spray water.

*EC -Electrical Conductivity is measure of the total soluble salts in solution.

MUSCLE-UP® K 500 SL, Glyphosate 500 g/L, Reg. No. L8698, Act No. 36 of 1947.

MUSCLE-UP® 500 SG, Glyphosate 500 g/kg, Reg No. L7641, Act No. 36 of 1947.

POWER-UP® is a registered trademark of Rolfe's Agri (Pty) Ltd.

MUSCLE-UP® is a registered trademark of Rolfe's Agri (Pty) Ltd.