

# Perfek

South Africa Reg. No: L 10833 Act/Wet No. 36 of/van 1947



A mineral oil in emulsion for use as a spreading and penetrating adjuvant together with specified herbicides to enhance the effectiveness of such products.

## ACTIVE INGREDIENT

Medium mineral oil 363 g/l

## CONTAINS

Ammonium sulphate 100 g/l



**HAZARD STATEMENTS:** Harmful if swallowed | Causes mild eye irritation  
Harmful to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS:** Obtain special instruction before use | Do not handle until all safety precautions have been read and understood | Avoid breathing mist, vapours and spray | Use only outdoors or in a well-ventilated area | Avoid release into the environment.

**Registration holder: Green Island Investments (Pty) Ltd.**

Co. Reg. No.: 2013/043963/07

P.O. Box 1822, Heidelberg 1438, South Africa

Tel: 078 737 9236

## 24 HR EMERGENCY NUMBERS

Griffon Poison Information Centre: +27 82 446 8946

24 Hr Transport / Spill emergency no:

(Hazcall24) +27 86 044 4411 (Typhoon Plant Protection)

**Distributed by: Typhoon Plant Protection (Pty) Ltd.**

Co. Reg. No.: 1998/006156/07, C/O Farm Vlakfontein

Corner of the R23 Benoni Road & R550 Nigel Road

Brakpan District, Heidelberg 1438, Gauteng, South Africa

Tel: 078 737 9236

Net Volume:

ℓ

Expiry Date:

Batch No:

Date of Manufacture:

U.N. No. 3082

**Typhoon**  
PLANT PROTECTION



READ LABEL IN DETAIL BEFORE OPENING THE CONTAINER. FOR FULL PARTICULARS, SEE ENCLOSED LEAFLET.  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

## CAUTION

Always carefully read the labels of products with which PERFEK is to be tank mixed with. Adhere to the **WARNINGS, PRECAUTIONS, USE RESTRICTIONS, WAITING PERIODS and DIRECTIONS FOR USE** as indicated on these particular product labels.

## WARNINGS:

### HAZARD STATEMENTS:

- May be harmful if swallowed.
- May be harmful in contact with skin.
- Causes mild skin irritation.
- Causes serious eye irritation.
- Harmful to aquatic life.
- Harmful to aquatic life with long lasting effects

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, incompatibility with other substances not indicated on the label 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:

### PRECAUTIONARY STATEMENTS:

- Wash hands and face thoroughly after handling.
- Wash hands thoroughly after handling. **Do not** touch eyes.
- **Do not** eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release into the environment.
- Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
- In case of inadequate ventilation wear respiratory protection.
- **IF SWALLOWED:** Immediately call a **POISON CENTER**.
- **IF SWALLOWED:** Get emergency medical help immediately.
- **IF ON SKIN:** Wash with plenty of water and non-abrasive soap.
- **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.
- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a **POISON CENTER**.
- Collect spillage.
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.
- Dispose of content/container to suitable landfill in accordance with local regulations.

- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean application equipment after use. Dispose of wash water where it will 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 rinsings to the contents of the spray tank before destroying the container in the described manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe manner.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

#### Related ingredients:

| Substance name (IUPAC) | CAS - No.  | Concentration %<br>By weight |
|------------------------|------------|------------------------------|
|                        | EC - No.   |                              |
| Ammonium sulphate      | 90982-32-4 | 10 %                         |
| Neutral Base oil 150SN | 64742-56-9 | 50 %                         |

#### FIRST AID TREATMENT:

**Inhalation:** Remove source of contamination or move patient to fresh air. Keep patient under observation and obtain medical attention if necessary.

**Skin contact:** If irritation occurs, remove contaminated clothing, shoes and leather goods. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. If irritation persists, obtain medical assistance.

**Eye contact:** Immediately flush the contaminated eyes with gently flowing clean water for 20 minutes, holding the eyelid(s) open until no evidence of chemical remains. If irritation persists, obtain medical assistance.

**Ingestion:** Have patient rinse mouth thoroughly with water. **Do not** induce vomiting. In severe cases, obtain medical advice immediately.

#### DIRECTIONS FOR USE: Use only as directed.

##### Product properties:

- **PERFEK** contains 10% ammonium sulphate. Additional ammonium sulphate is not recommended to be added to the spray mixture.
- Use **PERFEK** as a spreading and penetrating adjuvant together with the suitable herbicides.
- **PERFEK** enhances the effectiveness of the herbicides for post-emergence control of certain weed species .

##### Compatibility:

- **PERFEK** is compatible with **MCPA 400 SL** and with **COMBI 600 SC** containing products.
- Refer to the **MCPA 400 SL** labels for **USE RESTRICTIONS** and **DIRECTIONS FOR USE** and weed species controlled.

**Mixing Instructions:**

- Half fill the spray tank with clean water.
- First measure and mix the product of concern according to the product label instructions.
- Agitate the water in the spray tank and add the product of concern.
- Measure the required volume of **PERFEK** and add to the spray tank mixture.
- Fill the spray tank with water to the required volume, while maintaining agitation to ensure thorough mixing.
- Maintain agitation during spraying.
- Use the prepared mixture immediately.
- **Do not** allow mixture to stand for long periods, for example overnight.

**APPLICATION RATES:**

| <b>CROP:</b>                                                                              | <b>DOSAGE RATE:</b>                                                    | <b>REMARKS:</b>                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>WHEAT:</b><br>Winter rainfall area<br>Post-emergence<br>control of specified<br>weeds. | 1,0 ℓ plus<br>2,0 ℓ MCPA 400 SL<br>per hectare                         | Apply the <b>PERFEK /MCPA</b> spray mixture according to the directions as indicated on the particular <b>MCPA</b> label.<br>Apply the spray mixture when the crop reach growth stages between 7 and 13 according to the list of growth stages of the growth stage list by ARC-Small Grain Institute, Bethlehem .<br>Refer to the particular MCPA label for detailed instructions and directions of use. |
| <b>MAIZE &amp; GRAIN<br/>SORGHUM:</b><br>Post-emergence<br>control of specified<br>weeds. | 300 – 500 ml plus<br><b>COMBI 600 SC</b><br>product<br>per 100 ℓ water | Apply the <b>PERFEK</b> /atrazine plus terbuthylazine spray mixture according to the directions as indicated on the particular atrazine plus terbuthylazine ( <b>Combi 600 SC</b> ) label.<br>Refer to the particular atrazine plus terbuthylazine label for detailed instructions, directions of use and dosage rate according to percentage clay.                                                      |
|                                                                                           | 300 – 500 ml plus<br>suitable herbicide<br>per 100 ℓ water             | Apply the <b>PERFEK</b> /herbicide spray mixture according to the directions as indicated on the particular herbicide label.<br>Refer to the particular herbicide label for detailed instructions, directions of use and dosage rate.                                                                                                                                                                    |

- **Combi 600 SC** (L10475) is a registered product of **GREEN ISLAND INVESTMENTS (PTY) LTD.**
- **MCPA 400 SL** (L5793 / N-AR 1092) is a registered product of **VILLA CROP PROTECTION (PTY) LTD.**