

# ZAP



ADJUVANT

Reg. No. L6912 Act No. 36 of 1947

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

**ZAP** is a modified vegetable oil with penetrating and spreading qualities, which increases the penetration and efficacy of agrichemicals.



**DANGER**

## ACTIVE INGREDIENT

Methylated Vegetable Oil	700 g/ℓ
Alcohol ethoxylate	250 g/ℓ

### HAZARD STATEMENTS:

Causes mild skin irritation.  
Causes serious eye irritation.  
Very toxic to aquatic life  
Toxic to aquatic life with long lasting effects

### PRECAUTIONARY STATEMENTS:

If medical advice is needed, have container or label at hand.  
Avoid release to the environment.

**Rolfes**  
Agri

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

### Emergency contact details

Office Hour Poisoning Helpline  
Rolfes Agri (Pty) Ltd.  
Tel: +27 (12) 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](http://www.spilltech.co.za)

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



**WARNINGS:**

- Observe any warnings that apply to the product or products with which **ZAP** is to be used.

**DISCLAIMER**

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 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 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 eye protection and face protection.
- Avoid release to the environment.
- If the skin irritation occurs: Get medical help.
- IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical help.
- Collect spillage.
- Empty all pesticides from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler. Do not use empty containers for any other purpose.

**RELEVANT SUBSTANCES:**

This product contains Ca-Dodecyl benzene sulfonic acid <10% and Alcohol ethoxylate 10-30%.

**SYMPTOMS OF HUMAN POISONING:**

May cause irritation to the eyes, skin, respiratory and digestive tract.

**FIRST AID TREATMENT:**

Inhalation:

Immediately remove from exposure to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Obtain medical advice if necessary.

Ingestion:

If victim is conscious and alert, give 2 – 4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Seek medical advice immediately.

Skin Contact:

Flush skin with plenty of soap or mild detergent and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash clothing before re-use.

Eye Contact:

Immediately flush eyes with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**NOTE TO PHYSICIAN:**

Treat symptomatically.

**GENERAL NOTES:**

- **ZAP** is a complete adjuvant with wetting and spreading properties.
- **ZAP** enhances cuticular penetration of sulfonylurea herbicides.

**DIRECTIONS FOR USE: USE ONLY AS INDICATED**

**MIXING INSTRUCTIONS:**

- Pre-mix **ZAP** with water and add to the spray mix containing the herbicide.
- Add last to the mixing tank after other agrichemicals has been mixed.
- Do not use **ZAP** with other adjuvants.

**RECOMMENDED RATE:**

Product Type	RATE	REMARKS
<b>Herbicides:</b> Sulfonylureas Triketones (e.g. Tembotrione) Triazines (e.g. Atrazine)	0,5 ℓ / ha	Adhere to the mixing and use instructions of the herbicide concerned.
<b>Insecticides:</b> Cartap-hydrochloride		

**NOTE:**

- Consult the relevant label of the product with which **ZAP** is to be used prior to mixing and application.