

Zinc Nitrate



Reg. No. B4050 Act No. 36 of 1947

FERTILIZER GROUP 2

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

ZINC NITRATE is a water-soluble zinc fertilizer for foliar feeding and fertigation.



DANGER

HAZARD STATEMENTS:

May intensify fire; oxidiser.
Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
Very toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

Keep away from clothing and other combustible materials.
Avoid breathing fumes/vapours.

Zinc	(Zn)	117 g/kg	152 g/ℓ
Nitrogen	(N)	43 g/kg	56 g/ℓ

SG = 1,30 (@20 °C)

Registered, Manufactured & Distributed: Rolfes Agri (Pty) Ltd.
(Reg. No. 1998/013411/07) • 288 Mundt Street, Wälloo, 0184
Gauteng, RSA. • Tel: (012) 803-0145

Emergency contact details

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

Rolfes
Agri

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

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



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.
- Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- Keep away from clothing and other combustible materials.
- Avoid breathing fumes/vapours.
- Wash hands and affected area 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 to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Get medical help.
- IF ON SKIN: Wash with plenty of water.
- 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.
- Get medical help if you feel unwell.
- Specific treatment (see first aid on this SDS)
- Rinse mouth.
- If skin irritation occurs: Get medical help.
- If eye irritation persists: Get medical help.
- Take off contaminated clothing and wash it before reuse.

- In case of fire: Use suitable material to extinguish.
- Collect spillage.
- Store in a well ventilated place. Keep container tightly closed.
- Store locked up.
- Empty all contents 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.

RELEVANT HAZAROUS SUBSTANCES:

Zinc Nitrate 30 -60%

- **ZINC NITRATE** is recommended for use during plant growth periods that require relatively high zinc levels and during periods when the uptake and movement of zinc in the plant is reduced.
- **ZINC NITRATE** is specifically formulated to correct zinc deficiencies.
- **ZINC NITRATE** is a completely water-soluble fertilizer and chlorine free.
- **ZINC NITRATE** is readily taken up by the plant and is formulated for use as both a foliar feed and for fertigation.
- **ZINC NITRATE** should preferably be applied in the early morning or late afternoon. Do **NOT** apply to plants that are undergoing a period of moisture or heat stress.
- **ZINC NITRATE** is compatible with most agrochemicals. It is however advisable to do a miscibility test prior to mixing with other chemicals.
- **Do NOT apply with products containing high levels of phosphorus.**

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

APPLICATION	RATE PER HECTARE	RATE PER 100 ℓ WATER	REMARKS
Foliar Feed	0,5 – 1 ℓ	50 – 75 mℓ	Vegetable and ornamental crops: Apply as a full cover spray. In the case of deficiencies, repeat treatment.
	0,5 – 1 ℓ	0,5 – 1 ℓ per 30 ℓ water	Aerial application: Apply at 1 – 2 week intervals as required.
	0,5 – 1 ℓ	50 – 75 mℓ	Large trees and orchards: Apply at 1 – 2 week intervals. In the case of deficiencies repeat treatment.
Fertigation	0,5 – 1 ℓ	25 – 75 mℓ	Use lower concentrations for young plants and increase the rate as the plants increase in size. Repeat applications if necessary.

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.

Consult with your chemical distributor, consultant or manufacturer should crop specific programs or any other information be required about the use of **ZINC NITRATE**.