

Technical Data Sheet

Ziram 76 WG

Chemical Synonym

Ziram Granuflo, Zinc dimethyldithiocarbamate, Bis(dimethyldithiocarbamate-S,S')zinc

Applications

- Fungicides

Product Description

Ziram WG is formulated as water-dispersible granules using GRANUFLO® process. GRANUFLO® formulations have the following advantages:

- the spherical granules are virtually dust-free, owing to their mechanical strength;
- they can be measured like a liquid and disperse rapidly in water without foaming;
- the formulations are not sensitive to frost and do not contain solvent.

The rigid cardboard packing, which can be printed with the customer's trademark, is easy to store and handle, can be emptied completely and is easy to destroy.

The principle applications for Ziram WG include:

- Fungicide for crop protection: fruit trees and berries, vegetables, ornamentals, flowers.
- Repellent to protect nursery stock, shrubs, ornamentals and orchards from rabbit, deer and rodent depredations.

Ziram controls among others the following diseases:

- Stone fruits: *Taphrina* (leaf curl), *Monilia* (brown rot), *Coryneum* (shot holes), *Fusicoccum* and rust.
- Pip fruits: *Venturia* (scab) and *Stemphylium* (brown rot on pears).
- Citrus fruits: *Xantomona*, *Anthracois*.
- Vegetables: *Septoria*, *Plasmodiophora*, *Botrytis*, *Anthracois*.

For authorized crop protection uses, please refer to the registrations in your country.

Ziram is compatible with IPM (Integrated Pest Management) programs as it is neutral to beneficial insects and moderately toxic to Typhlodromus.

Ziram is not phytotoxic.

Not all uses and/or products are registered in all countries/regions. Please contact your local Customer Service Representative for availability in your region.

Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	C ₆ H ₁₂ N ₂ S ₄ Zn
Molecular Weight	305.8
Melting Point ^a	250 °C
	73.5-78.5 wt %

^aWith decomposition

Compatibility and Solubility

Soluble in ethanol, chloroform and carbon disulfide.

Very slightly soluble in acetone and benzene.

Practically insoluble in water.

Dispersable in water.

Decomposes under acidic conditions.

Packaging

The following pack types are currently available :

Packaging	Individual	Outer pack
Cardboard boxes (inner bag: polyethylene coated kraft paper)	5 kg	4 x 5 kg
Paper bags	20 kg 40 lbs	- -
Big bags	900 kg	-

Storage

Store in a dry well-ventilated place away from foodstuffs. No reduction in the assay of the active substance has been observed after storage for 2 years in the original packing under normal conditions.

Protect against acids and substances liberating acids.

In the event of accidental spillage the split product should be collected for incineration. Notify the appropriate authorities immediately if there is any risk of contamination of watercourses.

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