

Technical Data Sheet

Thiram P

Chemical Synonym

Thiram Technical, Tetramethylthiuram disulfide, Bis (dimethyldithiocarbamoyl) disulfide, Thiuram

Applications

- Seed treatment

Product Description

Thiram P (Thiram technical Phyto) is a fast-wetting phyto grade product for use in pesticide formulations.

Principle applications for Thiram P are:

- Fungicide for crop protection: fruit trees and berries, vineyards, vegetables, market gardening, ornamental plants and flowers.
- Fungicide for seed dressing.
- Repellent to protect seeds and crops from being eaten by birds, small mammals, rabbits and game (deer, hares).

Thiram controls among others the following diseases:

- Pit fruits: *Venturia* (scab), *Monilia* (brown rot), *Stemphylium* (brown spot of pears), *Botrytis Gloeosporium* (bitter rot), *Alternaria*.
- Stone fruits: *Taphrina* (leaf curl), *Coryneum* (shot holes) *Monilia*.
- Strawberry: *Botrytis*, *Colletotrichum* (black spots) and *Phytophthora*
- Banana: *Mycosphaerella* (sigatoka disease)
- Vegetables: *Botrytis*, *Colletotrichum* (anthracnose), *Septoria*, *Plasmodiophora*, *Rhizoctonia*.
- Grapes: *Botrytis*, *Anthracosis*.
- Seeds: *Pythium*, *Fusarium*, *Rhizoctonia*, *Alternaria*, *Septoria*, *Phoma*.

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

Thiram is compatible with IPM (Integrated Pest Management) programs, as it is neutral to beneficial insects and Typhlodromus.

Thiram 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	
Appearance	Creamy-white powder
Molecular Formula	$C_6H_{12}N_2S_4$
Molecular Weight	240.4
Melting Point ^a	250 °C
Thiram content	98 wt % min.

^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

- 20kg valve bags
- 500-kg big bags (IBC's)

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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