

Technical Data Sheet

FLOWSAN™ FS

Chemical Synonym

Thiram, TMTD, tetramethylthiuram disulfide

Applications

- Seed treatment

Product Description

Flowsan™ FS is a red flowable concentrate for seed treatment.

Flowsan FS is a new seed-treatment formulation specifically designed for the dressing of maize seeds. It is adapted to the newest industrial technologies as well as to farm scale processes.

- **Spectrum of actions**

Flowsan FS provides an overall sanitization of the seeds but also of the surrounding soil. It protects the emerging seeds from seed decay and damping-off caused by soil borne fungi and fungi present onto the seed at the time of sowing. Flowsan FS protect the seeds and the emerging seeds from primary infections caused by *Pythium*, *Fusarium* and *Rhizoctonia* as well as secondary infections caused by non specific pathogens like *Botrytis*, *Rhizopus*, *Alternaria*.

- **Repellency**

As a strong bird and rodent repellent, Flowsan FS prevents the seeds and the newly sown crops from being eaten by predators like crows, pheasants, mice.

- **Selectivity**

Not being phytotoxic, Flowsan FS can be safely applied to valuable seeds. The active ingredient is being used for a long time on all kind of seeds, including the high added value new hybrids.

- **Phytotonicity**

A noticeable phytotonic effect is often observed with the seeds treated with Flowsan FS. It enhances germination rates and promotes initial growth, thus limiting the sensibility of the seedlings to the diseases.

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
Molecular Weight	240.4
Density	
@ 20°C	1.16-1.26
pH	
(1% w/v)	5.3-7.3
Thiram content	533 +/-25 g/L

Formulation

FLOWSAN® FS contains selected polymers and pigments which give its outstanding properties to the formulation.

The polymers allow the product to be maintained onto the seed in all types of conditions. They avoid the formation of dust during handling and repacking of treated seeds, and they maintain the active ingredient in the surrounding of the seeds after sowing.

The treated seeds can be stored from one year to the next; FLOWSAN® FS protects the seeds during storage and does not have negative effect on the germination of the seeds.

Packaging

- 1000 liters IBC's
- 210 liters PE drum
- 60 liters PE drum
- 25 liters PE drum

Storage

Keep the product in frost free conditions.

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