



DISODIUM OCTABORATE TETRAHYDRATE (DOT)



Disodium Octaborate Tetrahydrate (DOT) is used as a cellulose flame retardant, wood preservative, cleaning agent, water treatment agent, and in other uses. Under normal conditions, DOT is stable, free-flowing, and is a mildly alkaline salt. It is soluble in water. Rose Mill stocks DOT in bulk sacks, fiber drums, and in pallets of 50 lb. bags. Custom powdering as well as custom packaging is available to meet your specifications. Contact us for details.

Rose Mill Company is the largest independent producer of borate powders in North America. We process our high-quality powdered and granular borates each day, ensuring a fresh product with longer shelf-life.

Product Analysis

DISODIUM OCTABORATE TETRAHYDRATE (DOT)
CAS 12280-03-4

<u>Typical Analysis</u>	<u>Theoretical Comp.</u>
B ₂ O ₃	66.0 – 69.0 %
Purity	>98.0%
Na ₂ O	14.0 – 15.0 %
Solubility in Water	4.5% @ 10°C, 27.4% @ 40°C
pH 8.5	(1% solution 20°C)
pH 7.6	(10% solution 20°C)

Availability

- Granular
- Powder
- 50 lb/25 kg bags
- Fiber Drums
- Bulk Sacks
- Custom Sizes