

Technical Data Sheet

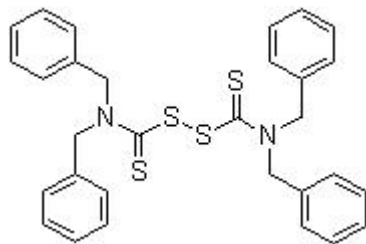
TDS NO.: HSM TBzTD

Revision Date: 08/05/2020



Tetrabenzylthiuram disulfide

Chemical Structure:



Typical Physical Properties

Product No.:	HSM TBzTD
Chemical Name:	Tetrabenzylthiuram disulfide
CAS No.:	10591-85-2
EINECS No.:	404-310-0
Molecular Formula:	C ₃₀ H ₂₈ N ₂ S ₄
Molecular Weight:	544.82
Appearance:	Light yellow powder(granule)

Safety

Risk Statements :	53
Safety Statements :	61
HS Code :	3815900000

Application

Developed to replace thiurams such as TMTD where the presence of nitrosamines is of concern. The dibenzyl nitrosamine is not carcinogenic according to published literature. A fast curing primary secondary accelerator in NR, SBR and NBR applications. Be safer to progress, providing longer scorch times than TMTD. Sometime used as retarder in the vulcanisation of PVC rubber.

Packing and Storage

Packing: 25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

Storage: The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The product with pallet should not be stacked. Stacking of palletized material or temperature of above 35 °C can cause unusual compacted product. The validity is 1 year.