



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	MSHQD-AC009-00 GT	Chemical Name: 化学名称	Tetraethyl Thiuram Disulfide 二硫化四乙基秋兰姆
Trade Name: 商品名称	Rubber Accelerator TETD (DTET) 橡胶促进剂 TETD(DTET)	CAS No.: CAS 编号:	97-77-8
Molecular Formula 分子式	C ₁₀ H ₂₀ N ₂ S ₄	Molecular Weight: 分子量	296.50

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	Light yellow granule 淡黄色颗粒	Assay Content % \geq 纯度% \geq	98
Initial M.P. °C \geq 初熔点 \geq	64.0	Loss on drying % \leq 加热减量% \leq	0.30
Ash content % \leq 灰份% \leq	0.30	Compacted bulk density (kg/m ³) 压缩体积密度(kg/m ³)	385-440
Strength of grain(N) 颗粒强度(N)	0.8-2.5	Density at 25°C (g/cm ³) 25°C下的密度(g/cm ³)	1.31

***Typical Properties 主要特性

Light yellow granule. The density is 1.29- 1.31. Soluble in Chloroform, Benzene, Acetone, CS ₂ , insoluble in water, gasoline, acid / alkali with lower concentration. Meeting hot water becomes to dimethyl ammonium and CS ₂ . Be sensitive to skin and peogaster.	淡黄色颗粒, 无毒。比重 1.29-1.31, 溶于丙酮、苯、甲苯、二硫化碳、氯仿, 不易溶于水、稀酸和稀碱。对皮肤和粘膜有刺激作用。储藏稳定。
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***Recommended Applications 应用推荐

Fastcuring primary or secondary accelerator for NR, SBR, IIR and EPDM. Closely resembles TMTD in its applications. Less scorch, excellent dispersion in soft polymers. Blooming and good processing safety. Can be used in CR as an anti-scorching agent, in sulfur-modified poluchloroprenes as peptizing agent. The efficiency sulfur content is 11%. Also used as raw material for germicide, pesticide and medicine.	NR、SBR、NBR、IIR、BR 及乳胶的超促进剂和硫化剂。与 TMTD 一样, 焦烧性能好, 熔点低, 在软胶料中有良好的分散性。有效硫含量是其质量的 11%, 本品是噻唑类促进剂优良的第二促进剂, 对醛类、胍类促进剂也有催化作用。可以在用硫改性的氯丁胶中作塑解剂。产品不污染、不变色、本品还可用作杀菌剂、杀虫剂、医药中间体等。
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***Handling and Storage recommendations 推荐操作存储条件

Store TETD in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually the shelf time is 12 months while the recommend use of date is 6 months.	TETD 应储存在阴凉、干燥、通风条件良好的地方, 产品包装应避免阳光直射 通常情况下保质期为 12 个月, 建议使用 6 个月内。
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***Package 包装

Bag: 25kg/bag 包装: 25kg/bag	Pallet(1.1*1.1): 600kg/P 托盘(1.1*1.1) : 600kg/P
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