

Technical Data Sheet

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Item Name:

TDO

PRODUCT INFORMATION

Chinese Name:	二氧化硫脲
Commodity Name:	TDO
Chemical Name:	Thiourea Dioxide
Other Name:	Formemidine Sulfinic Acid, Amino (Imino)
CAS No.:	1758-73-2
Molecular Weight:	108.12
Molecular Formula:	$\text{CH}_4\text{N}_2\text{O}_2\text{S}$
Hazard Class:	4.2
UN No.:	UN3341
Packing Group:	III

PRODUCT DESCRIPTION

Properties of white odorless loose powder, is a kind of neither oxidation nor reduction of stable compounds.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White loose powder
Purity by wt %	99 min
Thiourea content by wt %	0.1 max
Iron content (as Fe) by ppm	10 max
Moisture by wt %	0.05 max
Ash content by wt %	0.17 max

MAIN APPLICATION

Widely used in chemical industry, textile industry, as a strong reducing agent, increasingly replacing the insurance powder in the field of printing and dyeing occupies a significant position.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg bags, 500kg bags

Loading: 25kg bags only: 880 bags (22mt)/20'fcl, 25kg on pallets: 800 bags (20mt)/20'fcl
500kg bags only: 40 bags (20mt)/20'fcl, 500kg on pallets: 40 bags (20mt)/20'fcl

Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.