

	<b>QUALITY MANAGEMENT SYSTEM</b>	REVISION NO		PAGE	
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		<b>THIOUREA DIOXIDE</b> specifications			

**Chemical Name** : Formamidine Sulfinic Acid  
**Commercial Name** : Thiourea Dioxide (as reducing agents)

#### PRESENTATION

No.	PROPERTY	M.U.	ALLOWABLE CONDITIONS
1.	Appearance	-	White crystal powder
2.	Purity	%	min. 99
3.	Thiourea	%	max. 0.1
4.	Sulphate contente	%	max. 0.17
5.	Iron content	%	max. 0.001
6.	Moisture	%	max. 0.05
7.	Quality Stabilizer 80°C,2	-	Stable at 80°C /2 hours

#### USES

- Pulper bleaching of recycled paper.
- Single stage bleaching of recycled paper.
- Sequential stage bleaching of recycled paper.
- Solubilizing Vat dyes.
- Clearing commercial dyes.
- Reductive bleaching of minerals (primarily Calcium Carbonate).
- Replacing sodium hydrosulphite in all above applications.

#### PACKING

- 500 kgs bags.
- 50 kgs fiber drums

#### STORAGE

- In a tightly closed a cool dry well-ventilated area away from incompatible substances.
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- Avoid exposure to moist air or water.
- Incompatible with strong oxidizing agents.

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