

**TECHNICAL DATA SHEET**

Product Name : Mercide SEE (25%)		Spec. Ref. No. : TDS 46		
Chemical Name/ Chemical Composition : Disodium ethylenebisdithiocarbamate		Date of Issue : 01.06.2015		
CAS Reg. No : 142-59-6		Issue No. : 5		
Physical Appearance : Greenish yellow liquid		Rev. No. : 0		
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
pH	--	9.0	11.0	MERCHEM QWI 41
Free Alkalinity (as NaOH)	%	--	0.50	MERCHEM QWI 105
Active Content	%	25.0	--	MERCHEM QWI 103
Periodic Audit Test***				
Specific gravity @room Temperature	--	1.10	1.20	ASTMD 891
Product Information				
Solubility	Soluble in water .			
Classification	Biocide			
Application area	Used as biocide in water treatment ,boiler water application ,sugar industries etc.			
Toxicity data	Harmful if swallowed, can cause eye damage and is a skin irritant. May cause nausea, vomiting or diarrhea. Emit toxic fumes under fire conditions. Oral LD50/rat: 395 mg/Kg.			
Handling and Personal protection	Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.			
Storage	Keep away from oxidizing agents, acids, alkalis , heat and direct sunlight. Provide adequate ventilation and local exhaust. Store in a dry and cool place. Keep container tightly closed.			
Package				
HDPE BARREL /CARBUOY	200 kg /50 kg/30 kg			
Shelf life	6 months when stored as stated above.			
Colour code	None			

\*Lower Specification limit \*\*Upper Specification Limit \*\*\*Defined in Finished Goods Inspection plan

Prepared by : PG	Approved by: RBV
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