

**TECHNICAL DATA SHEET**

Product Name : Mercide SM (40%)		Spec. Ref. No. : TDS 43		
Chemical Name/ Chemical Composition : Sodium dimethyldithiocarbamate		Date of Issue : 01.06.2015		
CAS Reg. No : 128-04-1		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)	%	--	0.30	MERCHEM QWI 105
Active Content	%	40.0	--	MERCHEM QWI 104
Periodic Audit Test***				
Specific gravity @ Room Temperature	--	1.10	1.20	ASTMD 891
Product Information				
Solubility	Soluble in alcohols; miscible with water.			
Classification	Biocide			
Application area	Used as biocide in Water treatment , Boiler water application , Sugar industries etc.			
Toxicity data	Slightly irritating to skin and eyes. Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. Emit toxic fumes under fire conditions. During vulcanization process, traces of carcinogenic nitrosamines may be formed. Oral LD50/rat :5150mg/Kg.			
Handling and Personal protection	Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.			
Storage	Keep away from oxidizing agents, strong acids, alkalis . Store in a dry and cool place. Keep container tightly closed. Preferably under dry inert gas.			
Package				
HDPE BARREL / CARBUOY	200 kg /50 kg/30kg			
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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