



14140 Westfair East Drive
 Phone: 713-896-9966 Fax: 713-896-7540
 www.chemone.com sales@chemone.com

ITEM: SSDSQ25K40 Sodium Sulfide - Flake
 REF: PDS PRODUCT DATA SHEET

Expiration Date:
 Shelf Life: 1 YEAR

SYNONYMS:	Sodium Sulfide Hydrated Disodium Sulfide	CHEMICAL FORMULA:	Na ₂ S . xH ₂ O
	Sodium Monosulfide -- not less than	CAS NUMBER:	27610-45-3
APPEARANCE:	Yellow Flake 30% water--	MOLECULAR WEIGHT:	132.09
COUNTRY OF ORIGIN:	Mexico	PACKAGING :	25kg plastic bag

THE FOLLOWING VALUES HAVE BEEN PROVIDED TO CHEM ONE BY THE MANUFACTURER OF THIS PRODUCT. CALL CUSTOMER SERVICE IF YOU HAVE ANY QUESTIONS OR NEED ADDITIONAL INFO. 713-896-9966 M-F 8AM - 5PM CST.

	Specifications		Typical	Analysis
PRODUCT MAY CAKE OVER TIME				
**Na ₂ S (Iodometric Titration)	60.0 %	Min	61.7% mfg typ	
Water Insoluble	0.1 %	Max	0.01%	
Iron (Fe)	10 ppm	Max	2.2 ppm	ppm

** INCLUDES NaHS Calculated as Na₂S

** = Mol Wt IS 132.09 Na₂S.3H₂O; Mol Wt 78.05 is for Na₂S.xH₂O + xH₂O

CONTAINS APPROX 38% WATER OF CRYSTALLIZATION

TYPICAL PARTICLE SIZE DISTRIBUTION (CUMULATIVE %, + = RETAINED)

- + 4MESH 15% min
- + 18 MESH 90% min
- + 100 MESH 98.5% min

BULK DENSITY 0.7 -0.8

Element	Analytical Technique	Concentration(ppm)	Comments 2013
Hg	ICP	< 0.5	Detection Limit
Pb	AA	< 2.5	Detection Limit
Cd	AA	< 0.3	Detection Limit
As	ICP	< 1.0	Detection Limit
Cr	AA	< 2.0	Detection Limit
Ni	AA	< 3.5	Detection Limit

NOT FOR PESTICIDAL OR MEDICINAL USE

*** PLEASE READ MATERIAL SAFETY DATA SHEET PRIOR TO HANDLING THIS PRODUCT. ***
 *** FOR CHEMICAL EMERGENCY SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC, 24 HOURS (800) 424-9300 or (703) 527-3887 ***

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