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ITEM: SHSSY25K40 Sodium Hydrosulfide - Flake  
REF: PDS PRODUCT DATA SHEET

Expiration Date:  
Shelf Life: 1 yr

SYNONYMS:	SODIUM HYDROGEN SULFIDE monohydrate (anhydrous CAS no. is 16721-80-5)	CHEMICAL FORMULA:	BETWEEN NaHS*H <sub>2</sub> O - NaHS*2H <sub>2</sub> O
APPEARANCE:	YELLOW FLAKE	CAS NUMBER:	140650-84-6 (monohydrate)
COUNTRY OF ORIGIN:	MEXICO	MOLECULAR WEIGHT:	MIXTURE
		PACKAGING :	25 KG 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			
NaHS*	70 %	MIN	72.2% mfg typ
Na <sub>2</sub> S	8 %	MAX	6.0%
Iron (Fe)	10 PPM	MAX	2.8%
Insoluble in Water (%)	0.20%		0.02%
Particle size			
on mesh 4			60%
on mesh 18			95%
on mesh 100			99%
Bulk Density, g/cc	0.6-0.7		

\*INCLUDES Na<sub>2</sub>S CALCULATED AS NaHS---- HYDRATED - NOT LESS THAN 25% WATER OF CRYSTALLIZATION

The anhydrous CAS no. is commonly used, it is 16721-80-5.

However, this product is hydrated and the CAS no. for the monohydrate is listed above ( CAS no. 140650-84-6)

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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DATE CREATED: 10/8/2004 REVISION DATE: 5/29/2015