



Item: SHMPNSGRLE50L44 Sodium Hexameta - Granular, 50lb Plastic Bag / 44 Bags per Pallet

Ref: PDS

**PRODUCT DATA SHEET**

Certificate Date: .NULL.

Expiration Date: .NULL.

MFG Batch or Lot:

Shelf Life: 2 yr

<b>Synonyms:</b>	SHMP; GLASSY SODIUM 17-20 med chain SODIUM POLYPHOSPHATE	<b>Chemical Formula:</b>	(NaPO <sub>3</sub> ) <sub>n</sub> n=12-18 avg
<b>Appearance:</b>	White , granular	<b>CAS Number:</b>	68915-31-1 Alt CAS
<b>Country of Origin:</b>	Kazakhstan	<b>Molecular Weight:</b>	101.96n (Mixture)
		<b>Packaging:</b>	50 lb 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.

PRODUCT MAY CAKE OVER TIME	Specifications		Typical	Analysis
PHOSPHORUS PENTOXIDE (P2O5)	68%	Min	68.5%	
P=0.437 x P2O5%; PO4=1.34 X P2O5				
LOSS ON IGNITION 550 deg C	0.15%	Max	0.03%	
INSOLUBLE IN H2O	0.15%	Max	0.03%	
pH (1.0% SOLUTION)	6.5 - 7.0		6.5	
AVERAGE CHAIN LENGTH	17-20		17	
LOSS ON DRYING	0.15%	Max	--	
Fe	100 ppm	Max	80 ppm	
As	70 ppm	Max	55 ppm	
F	5 ppm	Max	1.8 ppm	
Pb	1 ppm	Max	0.5 ppm	
Cd	1 ppm	Max	0.1 ppm	
Hg	1 ppm	Max	0.1 ppm	
Particle size 1 to 0.25 mm (18 to 60 mesh)				
Sieve analysis on 1.0 mm 18 mesh	50%	Max		
Sieve analysis thru 0.25 mm 60 mesh	25%	Max		
Bulk Density g/cc	1.0-1.4			

SODIUM POLYPHOSPHATE (CAS NO. 68915-31-1) IS A MIXTURE OF MANY POLYMERS, COMPOSED OF LINEAR CHAINS OF METAPHOSPHATE UNITS (NaPO<sub>3</sub>)<sub>x</sub>, WITH (Na<sub>2</sub>PO<sub>4</sub>) TERMINATIONS. ALTERNATE CAS 10124-56-8 IS SPECIFICALLY FOR SODIUM HEXAMETAPHOSPHATE, Na<sub>6</sub>O<sub>18</sub>P<sub>6</sub> (MOL WT 611.77).

Average Chain Length: 17-20 medium This product is certified to NSF/ANSI Standard 60

\*\*\*NOT FOR PESTICIDAL OR MEDICINAL USE\*\*\*

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

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