



Item: SHMPNSPLQR50L45 Sodium Hexametaphosphate - Plate, 50lb Paper Bag / 45 Bags per Pallet
 Ref: PDS Product Data Sheet
 MFG Batch or Lot:

Certificate Date: .NULL.
 Expiration Date: .NULL.
 Shelf Life: 1 yr

Synonyms:	SHMP; GLASSY SODIUM SODIUM POLYPHOSPHATE	Chemical Formula:	Na (x+2) Px O (3x+1) x=12
Appearance:	PLATE	CAS Number:	68915-31-1 Alt CAS
Country of Origin:	MEXICO	Molecular Weight:	N/A (Mixture)
		Packaging:	50 lb Paper 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)	67.0 - 68.5%		
P=0.437 x P2O5%; PO4=1.34 X P2O5			
LOSS ON IGNITION	0.5 %	Max	
INSOLUBLE IN H2O	0.1 %	Max	
pH (1.0% SOLUTION)	6.6 - 7.0		
LOSS ON DRYING	0.3%	Max	
AVG CHAIN LENGTH	12-18 (medium)		
SIZE OF PLATES	5.0 cm 2-3 mm thick		
BULK DENSITY g/cc	1.2	Min	

** This product is Certified to NSF/ANSI Standard 60 and meets ANSI/AWWA Standard

thickness of plates 1/16 - 1/8 inch length or width 0.5 - 1.0 inch

Average Chain Length: 12-18
 Average Iron content is 40 ppm 09/14/2012, confirmed 01 23 2013

SODIUM POLYPHOSPHATE (CAS NO. 68915-31-1) IS A MIXTURE OF MANY POLYMERS, COMPOSED OF LINEAR CHAINS OF METAPHOSPHATE UNITS (NaPO3)x, WITH (Na2PO4) TERMINATIONS. ALTERNATE CAS 10124-56-8 IS SPECIFICALLY FOR SODIUM HEXAMETAPHOSPHATE, Na6O18P6 (MOL WT 611.77). A MOL WT OF 1286 to 1898 AND CHEMICAL FORMULA given above BEST DESCRIBE THIS PRODUCT.... estimated Na content 24.64%

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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