Item Name:

SMP

PRODUCT INFORMATION

Chinese Name:	五水偏硅酸钠
Commodity Name:	SMP
Chemical Name:	Sodium Metasilicate Pentahydrate
Other Name:	SMS-$5H_2O$
CAS No.:	10213-79-3
Molecular Weight:	212.14
Molecular Formula:	$Na_2SiO_3.5H_2O$
DG Class:	8.1 (corrosive)
UN No.:	3253
Packing Group:	III

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White granular powder
Sodium oxide (Na_2O) by wt %	28.7 - 30.00
SiO_2 by wt %	27.8 - 29.2
Water insoluble by wt %	0.05 max
Fe by ppm	100 max
Whiteness %	80 min
Bulk density by g/cc	0.80 - 0.97
pH of 1.0 % solution	12 - 13
Melting point by ºC	72.2
Particle size by wt % (40-100 mesh)	90 min

MAIN APPLICATION

Detergents; Rust remover for metal; Grinding aids for ceramics; Deinking agent for paper; Dyeing and printing auxiliary for removing oil in textile industry; Raw material for flameproofing agent; Plastic maintenance agent; Water retention agent; Water reducing agents.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg,1000kg PP bag with PE liner
Loading: 27mt/20'fcl for 25kg bags, 25mt/20'fcl for 25kg on pallets, 20mt/20'fcl for 1000kg bags
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.

PRODUCT IMAGE

Granular Pic

** The image shown here is indicative only. The actual product may differ.*

PACKING, STORAGE AND LOADING

** 25kg PP bag with PE liner*

** Loading Pic*

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