Technical Data Sheet

Item Name:

TSPP

PRODUCT INFORMATION

Chinese Name:	无水焦磷酸钠
Commodity Name:	TSPP
Chemical Name:	Tetra Sodium Pyrophosphate
Other Name:	Sodium Pyrophosphate Anhydrous, Tetrasodium Diphosohate
CAS No.:	7722-88-5
Molecular Weight:	265.9
Molecular Formula:	$Na_4P_2O_7$

PRODUCT DESCRIPTION

White powder. Soluble in water, insoluble in ethanol. Its water solution is alkalic. It is liable to deliquesce by moisture in the air.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White powder
Purity (as $Na_4P_2O_7$) by wt %	96.5 min
P_2O_5 by wt %	51.5 min
Loss on Ignition by wt %	0.5 max
Water insoluble by wt %	0.2 max
pH value	9.9~10.7
Floride (as F) by ppm	50 max
Arsenic (as As) by ppm	3 max
Heavy metal (as Pb) by ppm	4 max
Particle size (pass 100 mesh sieve) by wt %	90 min

MAIN APPLICATION

It is always applied in food industry as quality improver and emulsifier, like canned foods, fruit drinks, milk products like condensed milk, cheese, soybean milk and so on; Applied in industries of detergents as detergent auxiliary, paper production to bleach and electroplating.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg PP bag with PE liner
Loading: Without pallet: 1000 bags (25mt)/20'fcl; On pallets: 800 bags (20mt)/20'fcl
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

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