



Specifications for Disodium Phosphate (DSP)

Parameter	Value
Molecular Formula	Na ₂ HPO ₄ 2H ₂ O
Mol Wt	178.01
CAS #	[7782-85-6]
Description	White Crystalline solid
Purity (%)	98 min
Water insolubles (%)	Report
Iron in ppm	Report
Arsenic (%)	Report
Fluoride as F- (%)	Report
Moisture (%)	5 max
pH of 1% solution	9.0 – 9.2

Uses:

Industry	Application
Fertilizer	As soil phosphate
Food	As an anticaking agent in cream of wheat ; In cheese slices
Process and Manufacturing	In steam boiler application to reduce calcium scaling in boiler (along with sodium triphosphate)
Corrosion Inhibitor	In cooling systems