

LIST OF OUR PRODUCTS



01

MONO SODIUM PHOSPHATE
(MSP)

02

2.1 DI-SODIUM PHOSPHATE
(DSP)
2.2 DI-SODIUM PHOSPHATE
CRYSTAL (DSP CRYSTAL)

03

3.1 TRI-SODIUM PHOSPHATE
(TSP)
3.2 TRI-SODIUM PHOSPHATE
CRYSTAL (TSP CRYSTAL)

04

4.1 TETRA SODIUM PYROPHOS-
PHATE (TSPP)
4.2 TETRA SODIUM PYROPHOS-
PHATE CRYSTAL (TSPP
CRYSTAL)

05

SODIUM TRI POLYPHOSPHATE
(STPP)

06

SODIUM ACID PYROPHOSPHATE
(SAPP)

07

MONO POTASSIUM PHOSPHATE
(MPP)

08

DI-POTASSIUM PHOSPHATE
(DPP)

09

TRI-POTASSIUM PHOSPHATE
(TPP)

10

TETRA POTASSIUM PYROPH-
OSPHATE (TKPP)

11

MONO AMMONIUM PHOS-
PHATE (MAP)

12

DI-AMMONIUM PHOSPHATE
(DAP)

13

DI-CALCIUM PHOSPHATE
(DCP)

14

SODIUM HEXAMETA PHOS-
PHATE (SHMP)

15

POTASSIUM TRI POLY PHOS-
PHATE (KTPP)

16

19:19:19 AGRICULTURE FER-
TILIZER

17

20:20:20 AGRICULTURE FER-
TILIZER



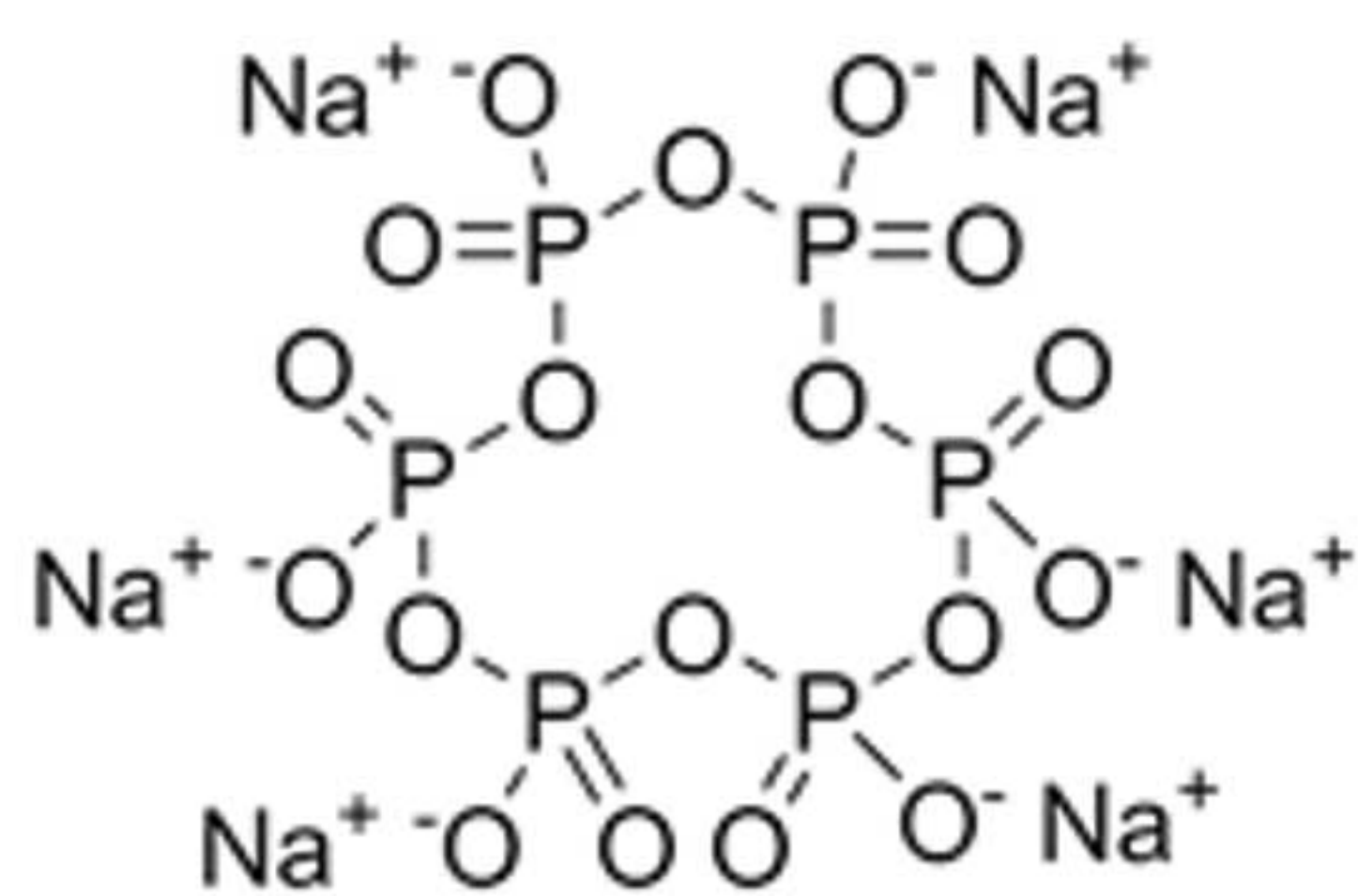
HEXASODIUM METAPHOSPHATE, HEXASODIUM SALT OR SODIUM HEXAMETA PHOSPHATE (SHMP)

ANHYDROUS

GRADES WE MANUFACTURE

1. Sodium Hexameta Phosphate, Anhydrous (Technical grade)
2. Sodium Hexa meta Phosphate (Pure grade)

FORMULATION



Sodium Hexameta Phosphate (SHMP) is a mixture of polymeric Meta phosphates of which the Hexamer is one. It is prepared by heating Monosodium Orthophosphate until it starts melting and the process is followed by rapid cooling.

APPLICATIONS

1. Sodium Hexameta Phosphate is widely used in **water softeners & detergents**
2. Sodium Hexameta Phosphate is also used in **leather tanning, dyeing, laundry work and textile processing**

3. SHMP is used in process called **threshold treatment** which is softening of industrial water supplies
4. SHMP is used as a **sequestrant and as a food additive**

SPECIFICATIONS

| Product Name | Sodium Hexameta Phosphate (SHMP) Anhydrous |
|---|---|
| IUPAC Name | - |
| Molecular Formula | Na ₆ P ₆ O ₁₈ |
| Molecular Weight | 611.77 |
| Appearance | White Powder |
| PH Range (1% w/v) | 6.0 to 8.0 |
| Assay % / Purity % (minimum) | - |
| P ₂ O ₅ Phosphorus Pent Oxide content % (minimum) | 62.00 |
| 'Na' Sodium Content % (minimum) | 21.0 |
| Clarity of solution | Technical grade (1 – 2 % w/v) clear solution Pure grade (5 % w/v) clear solution |
| Iron as 'Fe' content % | Technical grade: 0.02 Pure grade: 0.0004 – 0.002 |
| Chloride as 'Cl' content % | Technical grade: 0.2 Pure grade: 0.004 – 0.025 |
| Sulphate as 'SO ₄ ' content % | Technical grade: 0.03 Pure grade: 0.004 – 0.03 |
| Arsenic as 'As' % | Technical grade: ND Pure grade: nil – <0.0001 |
| Fluoride as 'F' % | Technical grade: ND Pure grade: nil – <0.0001 |
| Heavy metals % | Technical grade: ND Pure grade: <0.0001 – 0.0009 |

PACKING

1. HDPE bag with LDPE liner in 20kg, 25kg, 40kg and 50kg
2. As per customer's request



Please email your query to promptly receive detailed **Certificate of Analysis** and **MSDS** for your required **GRADE**