



MAHALAXMI
GROUP OF COMPANIES

Mahalaxmi Dyes & Chemicals Ltd.

Specifications for Sodium Tripolyphosphate (STPP)

| Parameter | Value |
|-----------------------------------|--|
| Molecular Formula | Na ₅ O ₁₀ P ₃ |
| Mol Wt | 367.85 |
| CAS # | [7758-29-4] |
| Description | Clear colourless liquid |
| Purity (%) | 93 min |
| P ₂ O ₅ (%) | 50 min |
| Water solubles (%) | 0.1 max |
| Iron in ppm | 100 max |
| Whiteness (%) | 90 min |
| Fineness on 20 mesh (%) | 5 max |

Uses

| Industry | Application |
|-----------------|--|
| Detergent | In detergent formulations as emulsifier |
| Water treatment | An effective water softening agent |
| Petroleum | Ingredient of cleansers in drilling fluid used in oil fields |
| Food | As preservative |