



STMP

CAS Number: 7785-84-4

DESCRIPTION

STMP is a high-purity sodium trimetaphosphate widely used as a sequestrant, dispersing agent, and functional phosphate additive in gypsum board, ceramics, water treatment, industrial processing, and specialty chemical applications. The product provides excellent chelation, dispersion, and process efficiency benefits across a wide range of formulations.

KEY FEATURES

- High purity phosphate source
- Excellent dispersing properties
- Effective sequestration performance
- Low water insoluble content
- Consistent product quality
- Suitable for industrial applications

APPLICATIONS

- Gypsum board manufacturing
- Ceramics and refractory systems
- Water treatment
- Industrial processing
- Specialty chemical formulations
- Detergent and cleaning applications

TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Appearance	White powder
Purity, %	≥97.0
Assay (P_2O_5), %	67.0 – 70.0
pH	6.0 – 9.0
Water Insoluble Matter, %	≤1.0
Arsenic (As), %	≤0.0003
Fluoride, %	≤0.0010
Heavy Metals (as Pb), %	≤0.0010



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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Users are solely responsible for determining the suitability of this product for their specific application and for ensuring compliance with all relevant regulations, industry standards, and intellectual property rights. The product must not be used in violation of any law, statute, or third-party rights.

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 25 kg bags, 50 kg bags, 1000 kg jumbo bags, and customised bulk packaging upon request.

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated environment away from moisture and incompatible materials. Keep containers tightly sealed when not in use.

SAFETY

Please refer to the relevant Safety Data Sheet (SDS) before handling or using this product.