

TECHNICAL BULLETIN



19 Motivation Dve Wangara, WA, 6065 AUSTRALIA
T +61 8 9302 4000 | FREE 1800 999 196 | F +61 8 9302 5000

SODIUM HEXAMETAPHOSPHATE WATER SOFTENER

SODIUM HEXAMETAPHOSPHATE

Contains >980 g/kg Sodium Hexametaphosphate

CAS No. 10124-56-8; 50813-16-6

EC No: 233-343-1; 256-779-4

Index No: 233-343-1

Chemical Formula: $\text{Na}(x+2) \text{Px O}(3x+1) x = 6 \text{ to } 21$

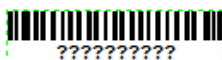
May cause irritation to the skin and eyes. May be harmful if swallowed or inhaled

SAFETY DIRECTIONS: Wear protective goggles and a dust mask

FIRST AID: If poisoning occurs contact a doctor or the Poisons Information Centre. Phone 13 1126.

Additional information is listed in the Material Safety Data Sheet

Batch No:??????????



Contents ?????????? kg nett

??????????

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MATERIAL & FUNCTION

SODIUM HEXAMETAPHOSPHATE is also known as Metaphosphoric acid, hexasodium salt; Calgon S, Calgon T; SHMP; Glassy sodium; Hexasodium metaphosphate; Metaphosphoric acid, hexasodium salt; Sodium Polymetaphosphate; sodium polymetaphosphate; Graham's Salt, amorphous sodium polyphosphate.

SODIUM HEXAMETAPHOSPHATE is a sequestering agent and removes hardness in water by combining with metal ions such as calcium, magnesium and iron. It also functions as a deflocculating agent in clothes washing application.

APPLICATIONS

SODIUM HEXAMETAPHOSPHATE is used in the manufacture of soap and detergents, water treatment, metal finishing and plating, pulp and paper manufacture, synthesis of polymers, photographic products, textiles, scale removal and agriculture.

DIRECTION FOR USE

When used as a water softener, a rough guide of 3-6 ppm of **SODIUM HEXAMETAPHOSPHATE** should be used for each ppm of total hardness (Calcium and Magnesium) as CaCO_3 .

CAUTION

Avoid contact with skin and eyes and avoid breathing dust.

PACKAGING

5 Litre, 15 Litre & 200 Litre containers

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IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***