

MAXINOL 5250

Acrylic homopolymer

Detergent additive

PRODUCT FEATURES

Maxinol 5250 is a polyacrylate designed to provide anti soil re-deposition and anti-incrustation properties to detergents, Industrial & Institutional cleaning formulations. Maxinol 5250 boosts primary detergency, minimizes incrustation caused by hardness salts, reduces grayness of fabrics and keeps fabric fresh in terms of Colour, Brightness & Feel. It delivers dispersion effect and acts as Surface Releasing Agent. Maxinol 5250 is used in Low or No Phosphate Green detergent formulations. It reduces or fully eliminates incorporation of Polyphosphates like STPP and SHMP offering an Ecofriendly formulation.

SPECIFICATIONS

Appearance	:	Clear colourless to pale yellow liquid.
Nature	:	Acrylic homopolymer
Grade	:	Partial sodium salt
pH (as is)	:	3.2-4.0
Solid Content	:	48.0 ±1.0%
Specific gravity at 25 °C	:	1.22-1.26
Average Molecular Weight	:	Approx. 4500
Brookfield viscosity cP at 25°C	:	400-1400

(These are typical values and not specifications)

MAJOR BENEFITS

- a. Use of Polyphosphates can be reduced / fully eliminated
- b. Excellent temperature and Chlorine stability
- c. Energy saving during spray drying
- d. Boosts detergency, prevents scum formation in hard water
- e. Enhances Soil Suspension & Prevents Soil redeposition

DOSAGE

Maxinol 5250 is a ready to use product and needs no dilution before use. The dosage varies depending on Phosphate restrictions to be observed, dosage of STPP / Polyphosphates and other ingredients in detergent formulations. Minimum 3–5% concentrations of Maxinol 5250 are necessary to prevent Incrustation. For ‘No Phosphate’ or ‘Green Formulation’ 10–12% concentrations are required. Generally, 1.1–1.3% concentrations of Maxinol 5250 are sufficient to boost detergency and to enhance soil suspension as well prevent redeposition. It is recommended to dose Maxinol 5250 at the point where maximum mixing is available.

SAFETY AND HANDLING

Skin and Eye irritation is observed. Use Hand-gloves & goggles while handling the product. Please refer MSDS for detailed information.

PACKING

60 kg carboys, 250 kg barrels, 1200 kg IBCs