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Aquapharm Chemicals Pvt. Limited

MAXINOL 4050

Acrylic homopolymer

PRODUCT FEATURES

MAXINOL 4050 is low molecular weight poly-acrylic Acid homopolymer. It is highly effective as dispersant and scale Inhibitor in industrial water treatment, Boiler water treatment as well in all types of water based formulations. It inhibits deposition of Ca / Mg salts (carbonates, sulphates), Barium sulphate and other low solubility salts, which are responsible for depositions of scales on surfaces. The low molecular weight polymer shows good activity over wide range of pH, high hardness and temperature without precipitation. Apart from thermal stability product has good stability to oxidizing agent like chlorine. The product is non-phosphorus, non-foaming dispersant; hence it has good environmental acceptability.

TYPICAL SPECIFICATIONS

Appearance	: Clear colourless to pale yellow liquid.
Nature	: Acrylic homopolymer
Grade	: Partial sodium salt
pH (as is)	: 4.0-5.0
Avg. Molecular Wt.	: ≈ 4000-6000
Density (at 25 ^o C)	: 1.15-1.20 gm/cc
Solid Content	: 40.0 ±1.0%
BF viscosity cP @ 25 ^o C	: 50-100

(These are typical values and not the final specifications)

MAJOR BENEFITS

It is very widely used in industrial water treatment as dispersant and scale inhibitor. It inhibits build up of scale by solubility enhancement, crystal growth modification and the dispersion property of the low molecular wet polymer structure.

SAFETY AND HANDLING

MAXINOL C4050 is generally safe but avoid contact with eyes and skin. Do not take internally. Gloves and goggles should be used while handling the product.

STORAGE

MAXINOL C4050 is non-flammable, non-combustible. It should be stored under shade.

PACKING

MAXINOL C4050 is available in 50 Kgs plastic / 240 Kgs polydrums.