

Mergal® K9N



Mergal® K9N by Troy Corporation is a formaldehyde-free, VOC-free blend of 5-chloro-N-methylisothiazolinone and N-methylisothiazolinone. Used as an in-can preservative, a sanitizing agent, a bactericide, a fungicide and an algacide for inside applications in adhesives and aqueous systems such as acrylate-sealants. Offers balanced, broad action spectrum against bacteria, yeasts, mold fungus and algae and compatibility with aqueous polymer emulsions such as pure acrylic, styrene acrylic, polyvinyl acetate and copolymers, polyvinyl alcohol, vinyl acetate-ethylene pressure polymers and casein. Recommended dosage level of Mergal® K9N is 0.02-0.2%.

Product Type

Preservatives / Biocides / Fungicides

Chemical Composition

Blend of 5-chloro-N-methylisothiazolinone and N-methylisothiazolinone

Physical Form

Liquid

Product Status

COMMERCIAL

Applications/ Recommended for

- Adhesives > Water-based
- Sealants
- Polymers > Polyvinyl Alcohols (PVOH)
- Polymers > Polyvinyl Acetate Emulsions & Derivatives (PVAc)
- Polymers > Acrylics & Acrylic Copolymers

Mergal® K9N Properties

pH 3 – 9

Heat Stability < 60 °C

Density 1.03 g/ml

Flash Point > 100 °C