

Polixetonium Chloride (WSCP) 60%

Cationic polymer concentrate for professionally assessed industrial microbial-control formulations.

CAS 31512-74-0	EC Not assigned in the matched mixture reference	Transport IMDG / IATA: Class 9 · UN 3082 · PG III
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Product Information

Polixetonium chloride, commonly called WSCP, is a polymeric quaternary ammonium material supplied here as an amber liquid with 60% solid content. The supplied specification includes density at 20°C and pH. A polymer has a molecular-weight distribution rather than the single small-molecule weight printed in the old sheet. Selection depends on the water chemistry, operating conditions and compatibility of the complete treatment system. Assess microbiological efficacy and material compatibility for the intended industrial application. This concentrate is not a ready-to-use disinfectant, and raw-material identity does not establish market authorization for a finished biocidal product.

Solid content is listed as 60% without a tolerance in the supplied sheet; it is not converted to a ≥60% guarantee. CAS 31512-74-0 is used for the matched 60% reference. Transport entries shown here are IMDG/IATA reference entries, not a blanket classification for every mode or formulation.

For permitted industrial use only. Confirm biocide authorization, labeling and discharge requirements for the destination and finished formulation. Do not use in potable-water, contact-lens or consumer applications without specific qualified documentation.

Specifications

Parameter	Specification
Appearance	Amber clear liquid
Solid content	60 %
Density, 20°C	1.13–1.16 g/cm³
pH	5.0–7.0

Typical Properties

Property	Typical Value
Polymer identity	Polymeric quaternary ammonium chloride
Supply medium	Aqueous concentrate

Applications

Industrial cooling-water programs: Evaluate WSCP as a component of qualified microbial-control programs for recirculating cooling water.

Process-water formulations: Assess the concentrate in suitable industrial process-water formulations.

Preservation formulation development: Discuss professionally assessed material-preservation uses where this polymer is permitted.

Packaging / Storage

Item	Information
Packaging	200 L drums or IBCs; net fill is confirmed with the quotation.
Storage	Keep tightly closed and upright in a cool, ventilated area, protected from direct sunlight, heat and incompatible chemicals. Use secondary containment and prevent release to waterways.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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