

Sodium Propynesulfonate

Alkynyl sulfonate liquid for qualified nickel plating brightener and levelling systems.

CAS No. 55947-46-1	EC / List No. 259-915-0	Transport Class 8 — Corrosive
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Product Information

Alkynyl sulfonate liquid for qualified nickel plating brightener and levelling systems.

Specifications

Parameter	Specification
Appearance	Clear, colourless to light-yellow liquid
Assay	≥25.0 %
pH	1.5–3.0
Density at 20°C	1.21–1.29 g/mL
Refractive index at 20°C	1.38–1.399

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C ₃ H ₃ NaO ₃ S
Molecular weight	142.11 g/mol

Applications

Nickel brightener packages: Alkynyl sulfonate component for qualified nickel plating concentrates.

Nickel deposit levelling: Additive for controlled levelling trials over representative current densities and substrates.

Plating bath replenishment development: Raw material for technically supervised replenishment systems.

Packaging / Storage

Item	Information
Packing	25 kg drums
Storage	Keep sealed, dry and upright at 2–8°C in a well-ventilated area, with compatible secondary containment. Protect from air exposure where inert handling is required; segregate from strong oxidizers.
Handling	Use controlled liquid transfer and effective ventilation. Wear suitable chemical-resistant gloves, protective clothing, splash goggles and a face shield. Prevent mist and all skin or eye contact; maintain accessible eyewash and emergency washing facilities.

Company Contact

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