

Aqua Hawk® KQ-4

Aqueous Chelating Agent



Product Description

AQUA HAWK® KQ-4 is a 46-48% by weight aqueous solution of tetrapotassium ethylenediaminetetracetate (K₄EDTA).

Applications

AQUA HAWK® KQ-4 is used to descale equipment in electrical power generation, chemical processing, refineries and other industrial plant applications when mineral and organic acids pose corrosion problems. KQ-4 also has applications in stainless steel passivation, removal of heavy metals in soil remediation, and to sequester minerals in process water to prevent scaling.

Equipment Compatibilities

Typical materials of construction are suitable for use including polypropylene, polyethylene, and PVC. AH-KQ-4, in its concentrated form, may not be compatible with some elastomers, including natural rubbers and EPDM. Transfer pumps and tubing coming in contact with concentrated material should be Teflon™ or Teflon™ coated.

Appearance

- Transparent, light yellow liquid
- Odorless

Technical Specifications

Specific Gravity (25 C)	1.295
• Active content (%)	47
• pH value (1% in water)	~11
• Water solubility	Complete
• Freezing point	0° F
• CaCV ¹	~140 mg/g

¹Calcium chelation value

Packaging

- 5-gallon non-returnable plastic pails
- 55-gallon non-returnable plastic drums
- 275-gallon non-returnable totes
- 330-gallon returnable totes (deposit required)
- Bulk

Storage Stability

- 24 months in sealed containers
- 12 months once seal is broken

Disposal

Dispose of container and unused contents in accordance with federal, state, and local requirements. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations.

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