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ReactiveSolutions

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Zirconium Oxychloride Solution

CAS NUMBER: 7699-43-6, 7647-01-0

CA INDEX NAME: Zirconium, dichloro oxo-

SYNONYMS: Zirconyl Chloride, ZOC, ZOC20

Appearance and General Characteristics

Zirconium Oxychloride is a strongly acidic, slightly yellow, clear aqueous solution. Naturally occurring temperature extremes have little or no effect on this product. Any precipitate that might form due to exposure to extreme cold will in most cases readily re-dissolve with agitation.

Available Packaging

- Plastic/metal pails
- Plastic/metal drums
- Plastic IBCs/totes
- Bulk quantities available upon request

Applications

1. Crosslinking agent, for altering the rheological properties of natural and synthetic organic polymers
2. Zirconium source for coating titanium dioxide particles, to reduce yellowing effects from UV light exposure
3. Precursor material in the preparation of certain proprietary antiperspirant salts
4. One component used in flame-resistant treatment of wool, and other keratinous fibres
5. As an acid catalyst in resin and silicone finishing of cotton and cotton mixture textiles
6. Zirconium source for speciality pigments
7. Catalyst binders
8. Precursor material for manufacturing other zirconium chemicals

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Certificate No. FM12677

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