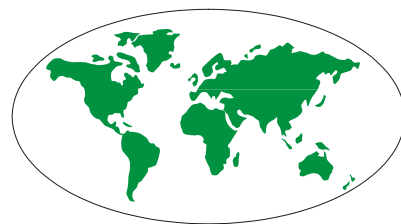


SURTECH 421

Useful as a coupling agent, defoamer, corrosion inhibitor, and dispersing agent

Surtech 421 is a high acid number, water soluble phosphate ester free acid providing good lubrication and EP properties. It is highly water soluble when neutralized with alkanol amines or alkali metal hydroxides. Neutralized with higher alkyl amines, it is oil soluble, and is useful in making rust-inhibiting emulsifiers. It is also a powerful anti-static agent in the free acid form or neutralized for synthetic fibers, fabrics, and carpets.



SC_{of}F

Typical Properties

Color and Appearance:	a light yellow to tan liquid
Viscosity:	100-150 cps
Density:	1.05g/ml
pH:	2
Acid Number:	350-390
Pour Point	<35°C

If heated in its free acid form, **Surtech 421** will slowly decompose. In its neutralized forms, it is thermally stable and hydrolytically stable. **Surtech 421** can also function as a coupling agent in alkaline systems, as a ferrous corrosion inhibitor in aqueous environments, and as a dispersing agent for inorganic particulate materials.

Handling Precautions

Surtech 421 is corrosive. Rubber gloves and safety goggles are required. Body-protective clothing and shoes are required. Eye-wash fountains and safety showers in the work area are required. See the **Surtech 421** Material Safety Data Sheet for detailed health and safety information.

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The information given herein is correct to the best of our knowledge. However, no warranty is expressed or implied regarding its accuracy or the results to be obtained from the use thereof and users should make their own tests to determine the suitability of these products for their own particular purpose. No statement in this brochure/leaflet is intended or should be construed as a recommendation to infringe any existing patent.

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