

ASHAION - 540

ALL ORGANIC SCALE CUM CORROSION INHIBITOR

GENERAL DESCRIPTION AND USE

ASHAION - 540 is a unique blend of non metallic and all organic inhibitors for control of corrosion, scaling and fouling in cooling water systems. The product contains organophosphonate and organic corrosion inhibitors blended with polyanionic dispersants. The antiscalant component controls scaling due to calcium and magnesium salts. The organic corrosion inhibitors give protection to metallic surfaces of heat exchangers thereby controlling corrosion. The dispersants in the blend help keep the suspended particles in dispersed form and help keep heat transfer surfaces clean. The single product thus acts multifunctionally to give overall control. The product performs in broad range of pH in alkaline range and for moderately hard water. Unlike other inorganic inhibitors the product does not pose any precipitation problem in alkaline range. The product being non metallic and non chromate does not pose any pollution problem.

GENERAL SPECIFICATIONS

1	Appearance	Pale yellow clear liquid
2	Odour	Characteristic
3	Wt / ml (25°C)	1.0 - 1.05
4	pH	11.0 to 12.0

APPLICATION AND DOSAGE

The product provides corrosion inhibition by film formation both on anodic and cathodic sites. The antiscalants provide threshold inhibition and crystal distortion properties for all water borne mineral salts and minimises the scale formation. The product performs in wide pH range and pH control is not necessary. Optimum dose levels vary with factors like corrosion, scaling potential, temperature, water characteristics and other system specifics. Generally a dose level of 75 to 125 ppm is sufficient.

Asha Resins representative will help you select optimum dose levels for your system. Ashaion - 540 should be fed continuously to ensure that recommended levels of residuals are maintained at all times. The product should be fed neat from the container through suitable arrangement for dosing.

HANDLING AND STORAGE

Avoid contact with eyes and prolonged contact with skin. Do not take internally. In case of contact with eyes, flush with ample water and get prompt medical attention. Gloves and goggles should be used where appropriate.

ASHAION - 540 containers should be stored airtight under shade and away from direct sunlight.

PACKING

ASHAION - 540 is available in 35/50 kgs. HDPE carbouys.

Asha Resins Pvt. Ltd.

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