Sureflow AB1

Acidity Builder

for the pH correction of closed loop systems

Application

Maintaining proper pH balance in closed water systems is critical to avoiding damage to system components and ensuring efficient operation. However, an unbalanced pH in a closed-loop water system can have several disadvantages, especially in high alkalinity systems.

High alkalinity promotes the formation of mineral scale deposits that reduce system efficiency by insulating the heat exchanger transfer surfaces and reducing the water flow, resulting in reduced heat transfer efficiency and increasing energy consumption.

Additionally, high alkalinity creates an environment conducive to microbial growth, increasing microbiologically influenced corrosion and the chances of leaks and equipment failure.

Sureflow AB1 help prevent corrosion, reduce scale and inhibit microbial growth, prolong system life and reduce maintenance costs. Maintaining pH within the recommended range of 8.0 to 8.5 also keeps the system running at peak performance, reducing energy consumption and minimizing downtime, resulting in significant cost savings.

Product Description

Sureflow AB1 is a blend of acidic compounds designed to adjust the pH of water or glycol system fluids to prevent corrosion, scale formation and reductions in system performance associated with alkaline system fluids. Suitable for use in heating and cooling systems.

**As with all pH adjustment chemicals dosing is system specific and should be performed by a trained fluid engineer

Benefits

- Effective pH adjustment
- Inhibits corrosion and prevents scaling
- Anti-microbial properties
- Non-toxic and biodegradable

Physical Properties

Appearance
Clear liquid

Consistency
low viscosity

Density
1.0 - 1.1

Odour
Slight odour

Foam
Non-foaming

pH
1.2 to 1.4

Container Sizes
Available in: 5, 10, 25, 205L drums & 1000L IBCs

Hydratech Services Division

The Hydratech Services division provides specialist engineering and maintenance services to customers installing, commissioning, operating or optimising closed loop cooling and heating systems. Hydratech's holistic approach to process and hydronic systems management maximises the potential for optimised performance, reduced operational costs and significant return on investment gains.

Find out more about Hydratech Services

Quality Assured

Sureflow AB1 is manufactured in accordance with ISO 9001: 2015 procedures.

Storage & Shelf Life

At least 3 years when stored in sealed containers, below 40°C and out of direct sunlight.

Health & Safety

Please refer to the associated Safety Data Sheet, which is available online via Login and/or by mail.

24/7 Technical Support

Technical support services and products to ensure ongoing system efficiency and protection.

tel. 01792 586800

sales@hydratech.co.uk

