

AlumX

Water Scale Solvent Safe for
Aluminium

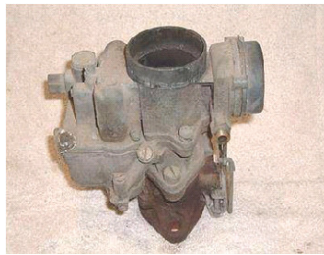


Product Data Sheet

Description

AlumX is a water-scale solvent safe for aluminium. It is specially formulated to safely clean lime scale and corrosion from water-wetted surfaces. Descaler containing wetting agents, corrosion inhibitors, anti-foam and degreasing compounds. It is designed to penetrate and remove encrusted lime scale, rust, corrosion products and dirt from water-wetted surfaces in process equipments.

When used as directed, AlumX would not affect Aluminum, Stainless Steel, Carbon Steel, Brass, Admiralty Metal, Copper, Iron, Lead, PVC, Plastic, Polyethylene, Rubber, Leather, Titanium and most other materials found in water-wetted equipments. AlumX is not recommended for Zinc, Galvanized Surfaces and Magnesium Alloys



Before



After

Features

The formation of scale in process equipment increases pressure drop, requiring more pumping horsepower to maintain volumetric throughput. Heat transfer surfaces gradually become fouled and thermal efficiencies decrease.

AlumX provides an excellent method to clean equipment without expensive disassembly. In some applications, the cleaning can be accomplished while the system is in operation. AlumX can remove scale in small, inaccessible places that cannot otherwise be cleaned.

- It is a one-pack system containing Sulfamic acid, Corrosion Inhibitor, Wetting Agents and Degreasing Compounds
- Designed for equipment with aluminum components i.e. Heat exchangers, fin fans, etc.
- Atlas Copco Recommended
- Color change from yellow to blue when spent (pH \approx 6)
- One (1) gallon consumes 0.5 pounds CaCO₃
- No dilution necessary
- System being cleaned must be vented CO₂ gas is evolved
- It is biodegradable and can be flushed into the sewer system when spent

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Application

AlumX is designed to be used for ambient temperatures. AlumX is most effectively used by circulating through the equipment to be cleaned. When possible, circulation should be up flow. AlumX can also be used by filling the equipment to be cleaned and allowing it to set until scale has disappeared. The cleaning operation normally takes 8 hours and average of 5-6 hours. When cleaning exposed surfaces (fin-fan coolers), AlumX should be sprayed on the surface until the scale is dissolved.

The equipment should be vented at all times since carbon Dioxide gas evolves during the disassociation of the lime scale. In all cases, fresh water should be used to rinse the clean surface free of AlumX.

For detailed application kindly contact us.

Regulations and Restrictions

AlumX is considered by OSHA & DOT to be a non-hazardous chemical*.

Non-Toxic
Non-Corrosive
Non-Flammable
Biodegradable - BOD < 6 ppm
U.S.D.A. Approved: H-1

* 40 CRF-261 & DOT 173.240(a)

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Physical data

Appearance : Pale Yellow Liquid
Specific Gravity : 1.057
Boiling Point : 214 °F
Vapor Pressure : 30 mm Hg estimated
Freezing Point : 23°F
pH : 1.0
Flash Point : None

For further information, please contact:

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