PRODUCT BULLETIN

AC S78 SCALE REMOVER
Safe Acid Scale and Corrosion Remover

General Description

AC S78 SCALE REMOVER is an aqueous blend of environmentally safe and non-toxic nitrogen enriched acids and detergents designed to rapidly and safely remove water scales (mineral and carbonate) from all surfaces not harmed by contact with water without the high risk poised by using conventional acid cleaners. **AC S78** is classified as a non-irritant to skin and it can be shipped as a non-regulated material (for U.S. DOT ground shipments only). **AC S78** can be used as an effective replacement for cleaners containing Hydrofluoric Acid and will eliminate the need to file a risk management plan as can be required when using HF or related salts such as ammonium bifluoride under the EPCRA (Emergency Planning and Community Right-to-Know Act). **AC S78** is formulated to work quickly and effectively, thus minimizing the amount of time the product is in contact with sensitive surfaces. **AC S78** is phosphate free, biodegradable and contains no VOCs.

Application

AC S78 can be used as provided for severe cleaning, or diluted with water up to 80:1. The typical dilution for circulation descaling is 1 part **AC S78** to 4 parts water. For spray cleaning of water scaled air intakes, fan assemblies, or tube bundles, dilute 10:1 to 20:1 with water. Pre-wet the surface to be cleaned, spray product on and allow adequate time for penetration of soils, rinse throughly with clean water. On vertical surfaces, apply product to wet surface from bottom to top to avoid streaking.

Physical Properties

Color	Clear to Light Amber
Specific Gravity	1.09 - 1.12
pH	1.0 - 3.0
Solubility in Water	100%

Availability

AC S78 is available in UN approved 5 gallon pails, 55 gallon drums and bulk tanks.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.

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