

# TECHNICAL BULLETIN



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## SPIRONEX

### ACIDIC CLEANER

#### MATERIAL & FUNCTION

**SPIRONEX** is an especially designed liquid acid cleaner based on phosphoric and nitric acids. It finds use in a number of cleaning applications where strong mineral acids are required combined with an efficient surfactant that will wet surfaces, emulsify dirt but will not cause excessive generation of foam.

**SPIRONEX** does not contain hydrochloric or sulfuric acids which may contribute to discolouration and efflorescence.

#### APPLICATIONS

**SPIRONEX** is suitable for use in the building industry and the food and meat export establishments

#### DAIRY INDUSTRY

**SPIRONEX** may be used in the ACID cleaning cycle of dairy equipment to be cleaned by CIP. **SPIRONEX** will ensure the quick and efficient removal and non-redeposition of organic and inorganic soils. This special blend has the ability to passivate (render non-reactive) stainless steel equipment promoting longer life.

**SPIRONEX** can be used at concentrations of 0.15% to 0.8% acidity (3 to > 16 mls/L) at a temperature of 60°C.

#### BUILDING INDUSTRY

**SPIRONEX** is especially suited to the removal of efflorescence from concrete clay and terracotta surfaces. **SPIRONEX** will also remove dirt and attack vegetable oil and fat spots on these surfaces. On concrete surfaces, **SPIRONEX** should be applied as a diluted solution (one part of **SPIRONEX** to 12 parts of water) and should never be any more concentrated than 1:6. Concentrated **SPIRONEX** is corrosive and will cause pitting of concrete. Contact time should be limited to no more than 5 minutes. Clay and Terracotta surfaces are more resistant to the effects of acid and longer times may be used. The surfaces should be rinsed after application. In all cases it is recommended that a small patch of surface be tested before full scale treatment.

#### SAFETY NOTE

**SPIRONEX** is highly corrosive liquid containing a blend of Nitric and Phosphoric Acids. Wear goggles and rubber gloves. Operators should refer to the MSDS for safety precautions.

#### PACKAGING

5, 15, 200 and 1000 Litre containers.

#### IMPORTANT NOTICE TO CUSTOMER

*Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.***