

DETERGENTI



# V ACID SPECIAL

ACID DETERGENT/DESCALER



## COMPOSITION

V ACID SPECIAL is a hydrochloric-based compound.  
V ACID SPECIAL pH solution 1% about 1.0.



## APPLICATIONS

V ACID SPECIAL is a product specific for scale removal from heat exchangers, bottle washers and boilers; suitable for treating bottles dirty of concrete, limes, limestone deposits and rust and also during the neutralization step of caustic alkaline washing.



## DIRECTIONS FOR USE

V ACID SPECIAL must be used in **cold water** at concentrations of 1 - 2%; **pour V ACID SPECIAL into the water and not vice-versa**. When it's not possible to check the effective dispersion visually (for example in close appliances), it is advisable to monitor the evolution of the solution's pH, considering scale removal to be complete when a stable pH of 2 is recorded for 30 minutes. CO<sub>2</sub> develops while it works. When scale removal is complete, the surface should be rinsed and neutralized using a specific product.



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## PACKAGING

25 kg drums.



## LABORATORY CONTROL METHOD

Dilute 10 mL of the solution under examination with 100-200 mL of distilled water. Add a few drops of methyl orange indicator. Titrate with a solution of 1 N caustic soda until the colour changes from colorless to yellow.  
Calculation: % in weight V ACID SPECIAL =  $\text{NaOH} \cdot 1,18 \text{ mL}$ .



## STORAGE

Keep the product properly sealed in the original package.



## HAZARD

Based on the current European regulations the product is classified: hazardous (see MSDS).



## CORROSIVE ACTION

V ACID SPECIAL does not corrode plastic, ceramic or glass. Cannot be used on stainless steel. The protection percentage is around 98% on steel and 99% on copper and its alloys. With other materials test a small sample.