

DETERGENTI



V CAL

ACID SCALE REMOVER



COMPOSITION

V CAL is a phosphor-based acid product, liquid, clear and colourless; contains non-ionic surfactants.



CHARACTERISTICS

V CAL is a phosphor-based acid scale remover, ideal for kettles, heat exchangers, evaporators, bottle washers, steam generators, boilers and water circuits etc. It eliminates lime scale. Its formulation, buffered and rich in surfactants, guarantees penetration even into the toughest scale.



APPLICATIONS

V CAL simultaneously offers a fast scale removing and a contained corrosive effect. Furthermore, due to its formulation dedicated to the removal of mineral scale, it also acts where a hydrochloric base would be required. Can also be used as a rinse aid in bottle washers.



DIRECTIONS FOR USE

Pour V CAL **into cold water, and not vice-versa.**

The concentrations are from 1 - 10%.

The dispersive action is carried out at ambient temperature in about 30 - 60 minutes (depending on the thickness of the scale). Monitoring the pH is recommended in C.I.P. circuits.

It develops CO₂ as it acts.

DETERGENTI



V CAL

ACID SCALE REMOVER



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 bromocresol green.
 The solution will turn yellow.
 Titrate with 0.1 N caustic soda until it turns from yellow to blue.
 Note the ml used.
 Factor: 2.45.
 Formula: % of V CAL in solution = ml used x 2.45.



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

In solution and at correct temperatures, it shows a mild corrosive action on light alloys, aluminium and copper.