

# ADDITIVE BOOST

Caustic detergent additive based on hydrogen peroxide

## DESCRIPTION & APPLICATION

**ADDITIVE BOOST** is a special additive normally added to detergent solutions based on caustic soda.

**ADDITIVE BOOST** has properties such that it finds uses in the detergent industry as a (non-chlorinated) bleach, a disinfectant and as an oxidising agent to help break down and remove heavy organic deposits.

**ADDITIVE BOOST** is normally used as an additive to boost the cleaning efficiency of the usual detergent regime in CIP systems in instances where heavily soil build-up has occurred e.g. after particularly long production runs or processing of a high organic-matter containing product.

## USE INSTRUCTIONS

### Organic soil removal

After the initial rinses, add **ADDITIVE BOOST** carefully to the dilute caustic CIP detergent solution (usually via the balance tank) at typically 0.1%v/v, ambient to 70°C.

NB: **ADDITIVE BOOST** should be added carefully to a ventilated system so that pressure from any gases which may be released is not allowed to build up.

1% v/v **ADDITIVE BOOST** = 3950ppm H<sub>2</sub>O<sub>2</sub>

## PRODUCT CHARACTERISTICS

Composition	A technical grade of hydrogen peroxide 35% aqueous solution
Appearance	Clear liquid, free from visible impurities
Colour	Colourless
Odour	Characteristic ; slightly pungent
pH (1% v/v)	3 - 4
Specific Gravity	1.13
Solubility	Soluble in water
Freezing Point	<-30°C
Nitrogen (N) content	0 g/kg
Phosphorus (P) content	0 g/kg
COD	0 g/kg
Non-volatile matter	400 mg/l max

## MATERIALS COMPATIBILITY

**ADDITIVE BOOST** can be used on materials commonly used within the food industry, with the exception of mild steel, carbon steel, galvanised materials and copper and its alloys.

## SAFETY

Carefully read the safety data sheet of **ADDITIVE BOOST** and follow the chemical handling and disposal guidance.

## STORAGE

Store **ADDITIVE BOOST** in its original packaging between 0°C and 35°C.

Always store in original container away from extremes of temperature and out of direct sunlight.

Shelf life: One year from manufacture.

## PACKAGING

1000 kg

30 kg

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