

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 H₂O₂

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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