

# Eko Power® 1053

Supplement for a straight booster to caustic liquors.

## DESCRIPTION

Eko Power® 1053 is a straight additive to caustic and acids.

Eko Power® 1053 produces an overall formulated caustic detergent that gives a full solution for cleansing, scale hindrance, and foam control for CIP applications in Dairies and beverages industries. Eko Power® 1053 is also powerful at removing rust rings and controlling soft metals corrosion when applied in conjunction with caustic and acids.

## TECHNICAL DATA

Appearance clear, pale-brown liquid  
Relative density at 25°C 1.05  
pH (1 % solution at 25°C) 2.5  
Phosphorous Content (P) 20g/kg  
Nitrogen Content (N) 3g/kg  
Chemical Oxygen Demand 140gO2/kg

The above data is information of normal production and should not be taken as a specification.

## SAFE HANDLING

Store in original closed containers, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

## PRODUCT COMPATIBILITY

Eko Power® 1053 is safe for use on materials commonly found in the beverage and food industry when applied under the recommended conditions. In the event of uncertainty, it is advisable to evaluate individual materials before any prolonged use.

## TEST METHOD

THE TEST METHOD IS AVAILABLE ON REQUEST.

## BENEFITS

- Acceptable for impulsive dosing and control to create a mixed product, ensuring efficacious levels are maintained for careful budgeting and performance.
- Cost reduction and provides best outcomes.
- The mixed product is acceptable for impulsive dosing and control by dynamism, ensuring consistent delivery of the product and reproducible cleaning outcomes.
- Assists detergency, rust, aluminum, and label removal in soft metal corrosion, minimizing denial rates and ensuring product integrity.
- Hamper scale build-up and prevents nozzle blockage, improving working efficiency and cleaning efficaciousness. Maintenance frequency, time, and associated budgets can also be minimized.
- Aids free-rinsing and helps prevent spotting on bottles caused by water hardness and other deposits, minimizing denial rates and improvising look.
  - Provides foam control in a huge variety of applications, maintaining working efficiency in auto cleansing procedures like CIP (Cleaning in Place).

## USER INSTRUCTIONS

- 01** Eko Power® 1053 should be accompanied by caustic soda liquor (30 - 48%) at concentrations between 10 - 40% w/w (9.5. 38 % v/v), based on 100% NaOH, depending upon the applications, soil loading, and water hardness. Exceptional foam control is obtained at temperatures above 45°C.
- 02** Eko Power® 1053 embracing solutions should be thoroughly rinsed after use to remove them from all food and beverages contact surfaces.



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