

## PANBRITE

ALUMINUM SAFE, NON-FOAMING,  
ALKALINE CLEANER

**PANBRITE** is a non-foaming alkaline cleaner developed for the agri-food industry. It is designed for cleaning of circulating systems (C.I.P).

**PANBRITE** is specially formulated for use on aluminum surfaces without damaging them when used as recommended.

## FEATURES AND BENEFITS

- Aluminum and other soft metals safe
- Non-foaming, even with strong agitation
- Very effective cleaner
- No unpleasant odor



## DIRECTION FOR USE

<b>Equipment to be cleaned</b>	All circulating cleaning systems such as piping and tanks cleaned by sprinkler systems found in food processing premises.
<b>Soils to be cleaned</b>	Organic deposits such as dairy products, juices, beers, soft drinks and wines.
<b>Use procedure</b>	Prepare a <b>PANBRITE</b> solution (hot, if possible). Circulate through pipes, sprinklers systems and tanks.
<b>Concentration</b>	Between 0.1% and 4% (1 ml and 40 ml / litre) according to degree of difficulty.
<b>Use temperature</b>	Between 5°C and 70°C (41 and 158°F).
<b>Dwell time/Operation time</b>	Between 5 and 25 minutes.
<b>Mechanical action</b>	Circulation of liquid at a speed of 1.5 to 3.0 meters / second is usually enough to insure sufficient mechanical action. A pressure of 2 to 3 bars generally to properly operate the cleaning of the tanks through ball sprinklers or others.
<b>Rinsing</b>	Rinse with potable water (hot, if possible) until there is no trace of the product in the systems.
<b>Reuse/recycling</b>	In this kind of system, the solutions are brought back to the initial reservoir and reused. However, make sure that the solution is free of solids at all times and that its concentration is checked and readjusted as needed, for each use.

# PANBRITE ALUMINUM SAFE, NON-FOAMING, ALKALINE CLEANER

## PHYSICAL PROPERTIES

Appearance	Clear, colorless liquid
Odour	None
Specific gravity @ 20°C	1.18
Viscosity	< 10 cps
pH	13
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	100°C
Freezing point	Not available
Foaming tendency	Non-foaming
Concentration monitoring techniques	Electrical conductivity, titration
Rinsing	Excellent

## INCOMPATIBILITY

Acids

## WAREHOUSING PRECAUTIONS

Keep containers tightly closed in a dry, cool and well-ventilated place

## AVAILABLE SIZES

			
20L	205L		

## IMPORTANT

Before using **PANBRITE**, always be sure to read and follow precautions and directions for use appearing on the product's container label, and on the safety data sheet (S.D.S).

## FIRST AID MEASURES

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

### Skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

### Ingestion

Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

## PERSONAL PROTECTION



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