

## WEST FL

### HEAVY-DUTY ALKALINE CLEANER

**WEST FL** is a liquid, highly alkaline, non-foaming product specially designed for cleaning pasteurizer systems or plate or tube heat exchangers.

**WEST FL** may also be used as an alkaline additive or to control the system's pH level.

**WEST FL** is the first additive for bottle washers.

### FEATURES AND BENEFITS

- Non-foaming
- High alkalinity
- Completely water soluble
- Cost efficient
- No residue left after rinsing



### DIRECTION FOR USE

#### Equipment to be treated

Pasteurizers and heat exchangers. In dairy plants, includes separators and homogenizers.

#### Soils to be removed

Food deposits that cling to surfaces.

#### Use procedure

- 1) Prepare a hot solution of **WEST FL** in potable water and let circulate in closed piping system.
  - 2) Add the required concentration to detergent.
- It is sometimes recommended to follow these steps with an acid cleaning.

#### Concentration

0.1% to 10% (1 ml to 100 ml / litre).

#### Temperature

10°C to 60°C (50 to 140°F).

#### Dwell time/Operation time

15 to 60 minutes.

#### Mechanical action

Maintain circulation speed 1.5 and 3.0 m/sec to ensure a good cleaning.

#### Rinsing

Rinse with hot water if possible. Rinse food contact surfaces thoroughly with potable water.

#### Reuse/recycling

Possible when accumulation of particles is low. Otherwise, change solution before each use.

# WEST FL HEAVY-DUTY ALKALINE CLEANER

## PHYSICAL PROPERTIES

Appearance	Colorless, viscous liquid
Odour	Odorless
Specific gravity @ 20°C	1.52
Viscosity	Not available
pH	> 13.5
Flash point (TCC)	None
Water solubility	Complete
Auto ignition temperature	None
Chlorine	None
Boiling point	142°C
Freezing point	15°C
Foaming tendency	Non-foaming
Concentration monitoring techniques	Electrical conductivity, titration
Rinsing	Moderate

## INCOMPATIBILITY

Acids, aluminum, zinc

## WAREHOUSING PRECAUTIONS

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

## AVAILABLE SIZES

		
20L	205L	



## IMPORTANT

Before using **WEST FL**, 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



WHMIS

