

FOOD INDUSTRY



Food and beverage industry accepted

SPECIAL #9 is a powerful powdered cleaner specially designed for heavy-duty applications such as: boil outs, bottle cleaning, cleaning of pasteurizers, fryers, ovens and ham moulds. Its chelating agents allow **SPECIAL #9** to effectively control scale deposits.

FEATURES and BENEFITS

- Powerful alkali
- High level of water softener
- Low foaming
- Effective even at low concentration
- Cost efficient
- Controls water hardness effectively
- May be used in recirculation systems since it is low foaming
- Easy to rinse

DIRECTION FOR USE

MILK PASTEURIZERS

Soils to be removed	Baked on milk deposits.
Use procedure	Prepare a solution containing 0.75% of SPECIAL #9 in the system's holding tank. Ensure complete dilution of the product. Allow to circulate in the pasteurizer and other equipment for at least 30 minutes. Rinse with potable water until no traces of product are left.
Concentration	0.25% - 1% (w/v) in water.
Use temperature	70°C to 80°C
Dwell time/Operation time	At least minutes.
Mechanical action	Ensure a circulation speed of 1.5 to 3.0 m/sec.
Rinsing	Rinse with potable hot water.
Reuse/recycling	No

DIRECTION FOR USE DEEP FRYER BOIL OUTS

Soils to be removed	Carbonized food deposits.
Use procedure	Empty oil from deep fryer then fill with water. Slowly add SPECIAL #9 and raise temperature to boiling point. Agitate or circulate whenever possible and allow a contact time of at least 30 minutes. Empty solution then thoroughly rinse with hot water.
Concentration	Between 0.25% and 5% (w/v)
Use temperature	Between 80°C and 100°C
Dwell time/Operation time	At least 30 minutes
Mechanical action	Agitate or recirculate whenever possible.
Rinsing	Rinse thoroughly with potable hot water.
Reuse/recycling	No.

DIRECTION FOR USE BOTTLE CLEANING

Soils to be removed	Various deposits found in refundable soft drink or beer bottles.
Use procedure	Maintain concentration level according to section and type of washer used.
Concentration	Between 0.25% and 5% (w/v), according to type and section of washer.
Use temperature	According to the recommendations of the washer's manufacturer.
Dwell time/Operation time	According to the recommendations of the washer's manufacturer.
Mechanical action	According to type of washer used.
Rinsing	According to washer used.
Reuse/recycling	Possible until soil redeposition occurs.

DIRECTION FOR USE

HAM MOULDS

Soils to be removed

Meat particles found on the surface of the moulds.

Use procedure

Maintain temperature and concentration of **SPECIAL #9** at recommended level in the machine's washing tank. Allow baskets containing the moulds to soak for approx. 10 minutes or longer. Rinse in rinsing tank.

Concentration

Between 0.25% and 3%

Use temperature

70°C to 80°C

Dwell time/Operation time

10 minutes or more if needed.

Mechanical action

Agitate or recirculate solution or mould basket.

Rinsing

Always thoroughly rinse moulds to remove all traces of **SPECIAL #9**.

Reuse/recycling

Change solution every 24 hours.

SPECIAL #9

POWDERED CAUSTIC CLEANER

PHYSICAL PROPERTIES

Appearance	White granulated powder
Odour	Faint detergent
Specific gravity @ 20 °C	1.49
Viscosity	Not applicable
pH to 1%	13
Flash point (TCC)	None
Water solubility	High
Auto ignition temperature	None
Boiling point	Not applicable
Freezing point	Not applicable
Foaming tendency	Low
Concentration monitoring techniques	Conductivity, titration
Rinsing	Good

INCOMPATIBILITY

Acids, aluminum

WAREHOUSING PRECAUTIONS

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

FIRST AID MEASURES

EYE CONTACT

Wash with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

SKIN CONTACT

Wash with soap and water. Treat as thermal burn. Apply skin cream. Consult physician if irritation develops or persists.

INHALATION

Give fresh air or artificial respiration. Consult physician.

INGESTION

Do not induce vomiting. Drink plenty of water and contact physician.

HEALTH

1

FLAMMABILITY

0

REACTIVITY

0

LEGEND

0 = MINIMAL RISK
1 = SLIGHT RISK
2 = MODERATE RISK
3 = SERIOUS RISK
4 = SEVERE RISK

PERSONAL PROTECTION Security equipment



WHMIS



IMPORTANT : Before using **SPECIAL #9**, 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).