



Product Information Sheet

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CIRCOMATE

MILKSTONE REMOVAL BY THE BOMB METHOD

CIRCOMATE is a chlorinated alkaline powdered detergent formulated for heavy duty cleaning processes and protein removal in food plants.

CIRCOMATE contains a mixture of Sodium Hydroxide and Sodium Dichloroisocyanurate with sequesterants and surfactants.

MIXING

Do not add CIRCOMATE directly to hot water. Dissolve CIRCOMATE in cold water and add slowly to the boiling water. Gloves and goggles **MUST** be worn when mixing CIRCOMATE.

METHOD OF USE

SITUATION	PURPOSE	RATE	CRITICAL COMMENTS
Milking Plant	Circulation Cleaner - Periodic Superwash for milkstone prevention.	Standard Solution 50g per 10L hot water (85-95°C)	<ol style="list-style-type: none">1. COLD RINSE - rinse plant with cold water using 5L per set of cups.2. HOT ALKALI DETERGENT - flush clean with ALKALI detergent (70 - 80°C) to wash and heat plant, using 5L per set of cups at recommended dilution.3. HOT RINSE - flush plant with 200L of hot water.4. HOT CIRCOMATE DETERGENT - flush plant with standard solution of CIRCOMATE for 10 minutes using 5L per set of cups.5. HOT RINSE - rinse plant with boiling water using 5L per set of cups.6. DRAIN - Drain and allow to dry.

The Product Information Sheet supersedes all previous issues for this product. Information contained herein is offered in good faith as being true and accurate to the best of our knowledge, but as the conditions of use are beyond our control, no guarantees are either stated or implied.

Where health or safety data given discloses a risk to the user or the environment, it is the responsibility of the purchaser to pass on the information to employees who may be using the product, ensuring that adequate safety procedures are used, including good industrial hygiene.

Tasman Chemicals Pty Ltd

Victoria: 1-7 Bell Grove, Braeside 3195 Ph: 61-3-9587 6777 Fax: 61-3-9587 5255

New South Wales: Suite 15, 380 Pennant Hills Road, Pennant Hills 2120 Ph: 61-2-9980 5999 Fax: 61-2-9484 8647

South Australia: 4/159 Williams Street, Beverley 5009 Ph: 61-8-8243 0644 Fax: 61-8-8243 0622

Tasmania: 1 Durham Road, Cooee 7320 Ph: 61-3-6432 1988 Fax: 61-3-6432 1989

Western Australia: 8 O'Connor Way, Wangara 6065 Ph: 61-8-9309 2100 Fax: 61-3-9309 2511

Queensland: Unit 12/172 Redland Bay Road, Capalaba, 4157 Ph: 61-7-3245 2862 Fax: 61-7-3245 2413



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SITUATION	PURPOSE	RATE	CRITICAL COMMENTS
Milking Plant	Bomb Cleaning For milkstone removal	Standard Solution: 200g per 10L hot water (85-95°C)	<ol style="list-style-type: none">1. COLD RINSE - rinse plant with cold water using 5L per set of cups.2. HOT ACID DETERGENT - flush clean with ACID milkstone removal powder (85-95°C) at 200g per 10L and circulate for 10 minutes using 5L per set of cups.3. HOT RINSE – flush plant with 20L of hot water.4. HOT CIRCOMATE DETERGENT – flush plant with standard solution of CIRCOMATE for 10 minutes.5. HOT RINSE – rinse plant with hot water using 5L per set of cups.6. DRAIN - drain and allow to dry.

SAFETY DIRECTIONS AND FIRST AID

It is important to understand that the method requires use of chemicals in strong concentrations and therefore precautions should be taken to ensure that they are used carefully. Rubber gloves and protective clothing should be used. Protective glasses are recommended. Any splashes on the skin and eyes should be rinsed under running tap water and medical advice sought if necessary.

The chemicals used should have no effect on stainless steel, rubberware and polycarbonate (visiclaws) but exposed brass on teatcup shells will gleam like gold. However, they can be cleaned separately to avoid this.

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