



Castle **Post Harvest**
Fruit that looks *good*, sells **first**

Post Harvest Food Processing Hygiene & Sanitation



Castle Chemicals Commitment

Castle is an Australian-owned 2nd-generation family business which operates from our manufacturer site in Newcastle NSW. We have supplied the post-harvest industry for over 40 years. Our experience in the field combined with our commitment to quality chemical solutions sets us apart from our competition.

ISO 9001, Quality Management Systems status became part of our culture in 1994. We have used this systems approach to business to drive continual improvement in product development, quality and process traceability.

Castle's Research & Manufacturing team continually works with our customers to improve our formulations, which has further strengthened our post-harvest product range. The major benefits has been the improvements in gloss longevity, film strength, dry time and reduce chance of film whitening.

A simple business strategy developed in 1972 by the late Des Barrack, the founder, still sets the standard for Castle Chemicals into the future. "We work hard to earn the loyalty of our customers by providing innovative quality products that get the job done, along with experience, service and training that is carefully designed to meet our customers needs."



'Solutions, Chemistry, Service'

CASTLE CHEMICALS

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All Products Comply with FSANZ Food Standards Australia New Zealand

Surface and Foaming Cleaners - Alkali & Acids

ALKASIL:	CIP	25L, 205L, 1000L	Sodium Hydroxide - Patented surfactant, Superior cleaner
ALKOHICIP:	CIP	25L, 205L, 1000L	Potassium Hydroxide - Patented surfactant, Superior cleaner
FOAMKLOR SMS:		25L, 205L, 1000L	Proprietary foaming chlorinated / caustic cleaner (Soft Metal Safe)
KLORALKAFOAM:		25L, 205L, 1000L	Foaming chlorinated - caustic cleaner
ALKAFOAM:		25L, 205L, 1000L	Foaming non caustic & non chlorine cleaner
BREAKTHRU:		25L, 205L, 1000L	Foaming caustic cleaner
ZIP :	CIP	25L, 205L, 1000L	Dual Hydroxide, patented surfactant, chlorinated cleaner
GREEN-PRO CIPZYME:	CIP	25L, 205L, 1000L	Enzyme based, low foam
SHIFT A PLUS:	CIP	25L, 205L, 1000L	Phosphoric and Nitric acid cleaner with patented surfactant
DESCALE P:	CIP	2x5L, 20L, 205L	Phosphoric acid surface and rust cleaner
FERMABRITE:	CIP	15kg, 5x5kg, 200kg, 200 x 5kg	Non Caustic - Patented surfactant reduces cleaning time, water and chemicals - sodium carbonate base
FILMAWAY:	CIP	15kg, 5x5kg, 200kg, 200 x 5kg	Non Caustic - Patented surfactant reduces cleaning time, water and chemicals - potassium carbonate base
CAUS BOOST:		4x5L, 25L, 205L	Patented Additive added to Caustic to improve cleaning power
NINJA:		4x5L, 25L, 205L	Proprietary surfactant - decarbonises and de-fats in one operation
XTREME:		4x5L, 25L, 205L	Proprietary solvent - decarbonises and de-fats in one operation

Surface Sanitisers - Alkali & Acids

PERSANMAX 5% PAA CIP:		20L 200L 1000L	Food grade sanitiser
PERSANMAX 15% PAA CIP:		20L 200L 1000L	Food grade sanitiser
HYDROGEN PEROXIDE: 35% CIP		25L, 205L, 1000L	Food grade Hydrogen Peroxide
CHLOR 12:		25L, 205L, 1000L	Sodium Hypochlorite 12.5%
CHLORABY:		12kg, 25kg, 200kg	Broad spectrum chlorine-releasing detergent bactericide
DUPLEX:		25L, 205L, 1000L	Biocide detergent - broad spectrum with PHMB
FOAM BAC:		25L, 205L	Non Rinse - Foaming quaternary ammonia surface sanitiser & doorway foamer
CIDAL:		25L, 205L	Non Rinse - quaternary ammonia surface sanitiser
FIGHT BAC:		25L, 205L	Non Rinse - Dual quaternary ammonia surface sanitiser - broad spectrum
HURRICANE:		25L, 205L, 1000L	Acidic, low foaming phosphate free sanitiser
FOZFOAM:		25L, 205L	Acidic foaming detergent sanitiser
BOOTBATH		25L, 205L	Indicating foot bath sanitiser
MAGNUM:		25L, 205L, 1000L	Low foaming acidic detergent sanitiser
MATADOR:		25L, 205L, 1000L	Multi function detergent sanitiser

Miscellaneous Products

FOOD SLIP:		25L, 200L	Silicone lubricant for conveyors, cartons & bottling line equipment
AGRI D FOAM:		4x5L, 25L, 200L	Concentrated food grade - Immediate defoamer
ANTI FOAM:		4x5L, 25L, 205L, 1000L	Food grade - Persistent defoamer
PROTO O:	CIP	4x5L, 25L, 200L	Proprietary protein and destainer - used in conjunction with caustic cleaning
BOOTBATH:		25L, 205L	Indicating foot-bath sanitiser
SOFTPOD:			Hazep Blue, Red and Green 6x1L Concentrated hand soaps and sanitisers. Manual and Touch Free dispensers
GREEN PRO BIOZYME:		5L, 25L	Bio-Enzymatic trap and drain treatment