



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

Post Harvest - Fruit Coatings and Cleaners



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

16 Rural Drive Sandgate NSW 2304 | Ph: 02 4014 5555 | Fax: 02 4968 4883

ccsales@castlechem.com.au | www.castlechem.com.au



Citrus Coatings

CARNAUBA CITRUS: High shine carnauba coating. Allows the fruit to breath, improves eating quality and extends shelf life.

CASTLE 873: Shellac high-gloss citrus packing line coating for local and export markets.

CASTLE 888: Premium shellac, citrus coating. Quick drying, low TAC, low shatter coating for local and export markets.

CASTLE 999: Quick dry, high shine canuaba citrus wax for local and export markets

CARNAUBA ULTRA NATURAL (W-EU) High gloss carnauba citrus coating. Morpholine and Shellac free. EU compliant

POLY SHINE: Citrus packing line - polyethylene wax coating.

Citrus Cleaners

AGRI-CHEM SMC: Citrus packing line - fruit cleaner for the removal of sooty mould deposits.

AGRI D FOAM: Food-grade, high concentrated defoamer.

ANTI FOAM: Food-grade, concentrated defoamer.

FC 101: All purpose alkaline cleaner for the removal of soil and spray residues.

WAX OFF: For the removal of wax build up from packing equipment.

Apple Coatings

APPLE GLAZE: Apple packing line - high shine carnauba/shellac coating.

APPLE GLOSS: Apple packing line - high shine shellac coating.

APPLE SHINE EU: Apple packing line - shellac coating for EU market. (morpholine free).

CARNAUBA NATURAL EU: Apple packing line - carnauba coating for EU market. (morpholine free).

CARNAUBA ULTRA NATURAL (W-EU) : A high solids, carnauba wax emulsion, product designed to function as a post harvest coating for apples. has no morpholine or shellac in its formulation

FRESH CARNAUBA Hi-shine Carnauba apple wax

Defoamers

ANTI FOAM: Defoamer, can also be added to wax for extra slip.

AGI D FOAM: Concentrated defomer, can also be added to wax for extra slip and shine.

Trap and Drain Cleaner

GREEN PRO BIOZYME: Kills the bacteria that causes bad odours – works quickly.

Apple Cleaners

APPLE CLEAN: Concentrated detergent for cleaning fruit prior to waxing .

ASSIST: Apple packing line - detergent when using Prepare.

PREPARE: High strength apple cleaner for use in dump tanks to remove heavy mineral deposits.

POME FRUIT WASH: High strength apple wash for greasy fruit.

WAX OFF: For removal of wax build up on citrus and apple packing lines.

Sanitisers

CHLOR 12: 12.5% Sodium Hypochlorite - Fruit and vegetable sanitiser.

CIDAL: Single quaternary Ammonia surface sanitiser - non rinse.

FIGHTBAC: Broad spectrum dual quaternary ammonia surface sanitiser - non rinse.

LAXSAN: Buffered lactic acid chlorination for fruit and vegetables.

PERSANMAX: Concentrated Peroxyacetic Acid (PAA), fruit and vegetable sanitiser (5%, 15%)

REMSAP: Chlorinated powdered mango sap remover.

Other Waxes

BANANA WAX: Natural wax coating to reduce transit rub and improve appearance.

MANGO WAX: Natural wax coating to control shrinkage and improve appearance.

PASSIONFRUIT / AVOCADO WAX: Polyethylene wax - Enhances appearance and reduces moisture loss.

PEAR WAX: Carnauba coating to reduce scuffing and extend shelf life. Keeps fruit firmer.

PINEAPPLE WAX: High-gloss controls moisture loss.

STONEFRUIT WAX: Vegetable based coating to reduce moisture loss and enhance appearance.

TOUCH UP: Glossy wax coating to enhance the top layer of displayed fruit. Ideal for fruit wholesalers and fruit shops.

MICRON 2000 WAX APPLICATOR: Wax coating applicator that enhances coverage and gloss.

Fruit that looks *good*, sells **first**



'Solutions, Chemistry, Service'

CASTLE CHEMICALS

16 Rural Drive Sandgate NSW 2304 | Ph: 02 4014 5555 | Fax: 02 4968 4883

ccsales@castlechem.com.au | www.castlechem.com.au

