

Raw Material Lists

Material name	Purpose	Storage location	Storage units number	Unit size litres/kg	Maximum storage litres/kg	Annual usage kg
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Ingredients

Apples	Apples for pressing	Delivered direct to press	0	0	0	5,746,112
Juice	Returned juice for use	On site combo's	30	1,000	30,000	1,534,165
Fruit flavourings	Flavoured cyders	Warehouse	50	25	1,250	5,455
Sugar syrup	Cyder ingredient	Warehouse	8	1,000	8,000	45,054
Sugar	Cyder ingredient	Warehouse	100	25	2,500	2,028,125
Additions	Processing aids	Warehouse	50	20	1,000	82,222
Honey	Flavoured products	Warehouse	3	1,000	3,000	6,360
Vinegar (bulk)	Vinegar to be processed / packed	Vinegar tank farm	see storage tab		1,900,000	919,570
Vinegar (ibc)	Vinegar to be processed / packed	Warehouse	10	1,000	10,000	47,000
Yeast	Fermentation addition	Warehouse	176	10	1,760	7,580
KMS solution (drum)	Preservative	Warehouse / Fermentation	74	25	1,850	26,325

Chemicals

PROCESS

PENTACIP 130 (1000ltr) - Ecolab MIP C	CIP detergent	Various locations	10	1,000	10,000	72,000
PENTACIP 130W WINTER (1000L) - Ecolab MIP C	CIP detergent	Various locations	10	1,000	10,000	60,000
PENTACIP 130 (25ltr) - Ecolab MIP C	CIP detergent	Various locations	24	25	600	13,275
PENTASAN 451 (200ltr) - Ecolab P3-ansep CIP	CIP detergent	Various locations	4	200	800	6,400
PENTASAN 451-25ltr - Ecolab P3-ansep CIP	CIP detergent	Various locations	24	25	600	2,400
PENTASAN 451 (1000L) - Ecolab P3-ansep CIP	CIP detergent	Various locations	8	1,000	8,000	1,001
PENTACID 250 (1000ltr) - Ecolab P3-horolith FL	Acid detergent & descaler	Various locations	8	1,000	8,000	9,000
PENTACID 250 - Ecolab P3-horolith FL	Acid detergent & descaler	Various locations	24	25	600	825
PENTASOL BOOSTER (25) - Ecolab P3-oxypak S	Hydrogen peroxide booster to caustic	Various locations	24	25	600	5,550
PENTASOL H 15 - Ecolab Polix CHLORANT	Liquid sanitiser	Various locations	24	25	600	1,675
PENTAFOAM 300 - Ecolab Topaz AC2	External acid foam detergent and descaler	Various locations	24	25	600	1,100
AM 3 PLUS - Ecolab Triquart AM	Sanitiser baths disinfectant	Various locations	24	25	600	700
PENTALK 579 - Ecolab Topaz LD2	General surface cleaner	Various locations	24	25	600	825
PENTASOL PEROSAN 5 - Ecolab P3-oxonia Active	Liquid sanitiser	Vinegar	24	25	600	80
TFC 4 THIN FILM CLEANER - Ecolab P3-oxonia Active	Surface cleaner	Kegging, bottling, press	24	25	600	275

Caustic	Cleaner	Process Building	1	6,800	6,800	tbc

ENGINEERING

Nalco 2584	Boiler alkalinity pH correction	Boiler house	1	100	100	475
Nalco 77211	Boiler oxygen scavenger	Boiler house	1	100	100	225
Nalco 77223 Plus	Boiler scale inhibitor	Boiler house	1	100	100	100
Nalco 1826 TriAct	Boiler amine corrosion inhibitor	Boiler house	1	100	100	80
PHOSPHORIC ACID 75% FG	WWTP phosphate nutrient addition	WWTP	24	25	600	1075
NUTRAPHASE 30 (UREA)	WWTP urea nutrient addition	WWTP	30	25	750	13500
PENTASOL AQUAFLOC 240	WWTP polymer	WWTP	2	1,000	2,000	1000
HYDROCHLORIC ACID 30% (25L)	WWTP pH correction / cleaner	WWTP	2	25	50	725
Caustic	WWTF pH correction	WWTP	1	5,000	5,000	tbc

Engineering

Lubricating oils	Equipment maintenance			Assorted		2,000
Assorted degreasers etc.	Equipment maintenance			Assorted		50

Packaging

Glass bottles	Finished product packaging	Warehouse				6,603
Plastic bottles	Finished product packaging	Warehouse				5,250
Combi bags	Finished product packaging	Warehouse				10,008
Labels	Finished product packaging	Warehouse				55,500
Caps	Finished product packaging	Warehouse				46,050
Cardboard	Finished product packaging	Warehouse				110,400
Shrinkwrap	Finished product packaging	Warehouse				58,650
Kegs	Finished product packaging	Warehouse				re-used