

Optin Alka

Basic alkaline detergent

Optin Alka is a highly alkaline basic detergent for use in the pre-wash and the main wash, suited for all kinds of laundry made from cotton and polyester. The product encourages moistening of the textiles and quick fibre swelling. Due to its high alkalinity, effective grease removal is reached in the case of saponifiable oils and greases. In the main wash, the product acts as a buffer in the wash bath to secure optimal use of the common type oxygen bleaches like hydrogen peroxide, peracetic acid and sodium hypochlorite solution. For the purpose of obtaining an optimal whiteness degree, we recommend to additionally use a detergent with an optical brightener in the main wash.

Chemical-Physical Data:

Aspect:	clear, light yellow liquid
Total alkalinity:	0.47 oz/gal (1 % solution)
Caustic alkalinity:	0.51 oz/gal (1 % solution)
pH-value:	approx. 13.5 (1 % solution)
Density:	approx. 1.43 oz/fl.oz (68 °F)

Recommended Dosage:

Hardness Range	Water Hardness mmol CaCO ₃ / l	1-Bath Procedure	2-Bath Procedure	
			1 st Bath	2 nd Bath
1	< 1,5 soft	0.10 – 0.61 fl.oz/ 10lb	0.10 – 0.61 fl.oz/ 10lb	0.10 – 0.46 fl.oz/ 10lb
2	1,5 – 2,5 medium	0.10 – 0.61 fl.oz/ 10lb	0.10 – 0.61 fl.oz/ 10lb	0.10 – 0.46 fl.oz/ 10lb
3	> 2,5 hard	0.10 – 0.61 fl.oz/ 10lb	0.10 – 0.61 fl.oz/ 10lb	0.10 – 0.46 fl.oz/ 10lb

Recommended dosage per kg of dry laundry at a bath ratio of 1 : 4

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Storage conditions: To be stored in a cool and dry place, protected from frost. Protect from heat and direct sunshine. Keep recipients tightly closed.

Maximum storage time: 24 months

HEALTH AND SAFETY RECOMMENDATIONS: corrosive liquid

Precaution - Risk phrases:

35 Causes severe burns.

First aid - Safety phrases:

2 Keep out of the reach of children. 20 When using do not eat or drink. 24/25 Avoid contact with skin and eyes. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection. 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

46 If swallowed, seek medical advice immediately and show this container or label.

ONLY TO BE USED IN PROFESSIONAL LAUNDRY SYSTEMS!

FOR INDUSTRIAL USE ONLY!

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