



ALKASOL 400

(SODIUM CARBONATE, HC)



Save up to
USE ALKASOL 400
INSTEAD OF SODA ASH **65%**

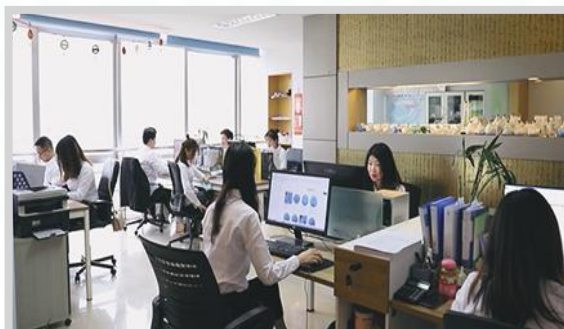
Introduction: ALKASOL-400 is the high concentrate of Sodium Carbonate. ALKASOL-400 is applied to replace of Soda Ash. Alkasol-400 is 400% stronger than ordinary soda Ash. It also protects harmful substances in deep water such as Hardness and Iron.

How to Work: ALKASOL 400, is created a new formula and different styles. In the dyeing process, Alkali PH 10.20-10.80 is very import for perfect dyeing. But in this case a lot of General Soda is lost their Ph controlling power. In all these cases, ALKASOL-400 maintain the right PH for perfect dyeing.

In this case ALKASOL-400 maintains the dyeing proper PH and also protect UN even dyeing problem.

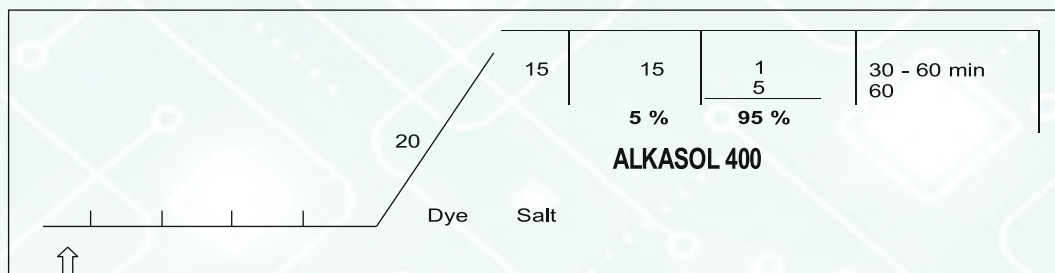
Specification of Alkasol-400

1	Sodium Carbonate, HC (Na_2CO_3)	398.80% % min
2	Chloride (NaCl)	0.7% max
3	Iron (Fe)	0.0035% max
4	Insoluble Matter in Water	0.03% max
5	Fineness	70% min



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pH (10 % soln.) : 10 - 12

Application :

ALKASOL-400 is dissolved in cold water in long ratio and dosed into dyeing machine, 30 - 45 min after dye-salt addition time & **it will be used ¼ of SODA ASH existing lab recipe.**

Exhaust Dyeing :

(Jet, Overflow, Package Dyeing)

Since sodium ion, introduced by **ALKASOL-400** is rather reduced as compared to **Sodium Carbonate** to match the shade more safely. **General application amount for ALKASOL-400 is 2.5 - 5.5 g/l**

Package and Storage : 25 kg / Bag, Waterproof, Anti-extrusion, Pilling Up Layer Not More Than 8 Tier, The Temperature Not More Than 35 C , Put In The Cool Place Storage For 18 Months

ALKASOL- 400 Increases pH slower than Soda, So risk of unlevelness decreases

	SODA	ALKASOL-400
80°C, 45 min. Dye + Sulphate		
3/100 The sample is taken after 80°C, 10 min. pH : 9,2		
7/100 The sample is taken after 80°C, 10 min. pH : 9,9		
1/10 The sample is taken after 80°C, 10 min. pH : 10,2		
8/10 The sample is taken after 80°C, 10 min. pH : 10, 65		
End of Dyeing pH : 10, 7		
80°C, 45 min. Dye + Sulphate		
3/100 The sample is taken after 80°C, 10 min. pH : 8,3		
7/100 The sample is taken after 80°C, 10 min. pH : 9,2		
1/10 The sample is taken after 80°C, 10 min. pH : 9,7		
8/10 The sample is taken after 80°C, 10 min. pH : 11,2		
End of Dyeing pH : 11, 2		

Advantage in Fastness Properties:

1	Color Fastness	4-5
2	Wet Rubbing	3-5
3	Perspiration	4-5
4	Light Fastness	4-5
5	Improved the Brightness of Dyed Fabrics	
6	It Prevents from Spots during uneven dyeing	