

 GHCL Limited	SPECIFICATION			SPEC NO. LAB/S08													
	LIGHT SODA ASH			REVISION NO.: 03													
				EDITION NO.: 01													
				PAGE 01 OF 01													
			EFFECTIVE FROM: 02.04.2014														
APPROVED BY: COO			ISSUED BY: System Co -ordinator														
<p>1. SCOPE : The specification prescribes the requirements for Light Soda Ash</p> <p>2. APPLICATION : Soda ash is an industrial chemical used for the manufacture of alkali products, soap / detergent, cleaning compounds and Sodium based Chemicals.</p> <p>3. Nomenclature for SAP :</p> <table border="0"> <tr> <td><u>Code</u></td> <td><u>Description</u></td> </tr> <tr> <td>FGLSDTLI0050</td> <td>Light Soda Ash - 50kg, Liner, Detergent</td> </tr> <tr> <td>FGLSDTLA0050</td> <td>Light Soda Ash - 50kg, Lami, Detergent</td> </tr> <tr> <td>FGLSDOLA0050</td> <td>Light Soda Ash - 50kg, Lami, Chemical</td> </tr> <tr> <td>FGLSLCLA0050</td> <td>Light Soda Ash - 50kg, Lami, Low Chloride</td> </tr> <tr> <td>FGLSDOLA0750</td> <td>Light Soda Ash - 750kg, Chemical</td> </tr> </table> <p>4. PERFORMANCE STANDARD</p>						<u>Code</u>	<u>Description</u>	FGLSDTLI0050	Light Soda Ash - 50kg, Liner, Detergent	FGLSDTLA0050	Light Soda Ash - 50kg, Lami, Detergent	FGLSDOLA0050	Light Soda Ash - 50kg, Lami, Chemical	FGLSLCLA0050	Light Soda Ash - 50kg, Lami, Low Chloride	FGLSDOLA0750	Light Soda Ash - 750kg, Chemical
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SR. NO.	CHARACTERISTICS	SPECIFICATION			U. O. M.	CONFORMANCE STANDARD											
		GUARANTEED		TYPICAL													
		Chemical Grade	Detergent Grade														
1	Description	White, uniform product, free from dirt & other foreign matter	White, uniform product, free from dirt & other foreign matter	White, uniform product, free from dirt & other foreign matter		Work Instruction No. LAB/FIN/W01 which is generally in conformance with IS - 251.											
2	Total alkalinity as Na ₂ CO ₃ (Min)	99.0	98.5	99.2	% by mass												
3	Chloride as NaCl (Max)	0.80 (0.3 +/- 0.1 in case of low chloride)	0.80	0.36	% by mass												
4	Fe ₂ O ₃ (Max)	60	60	15	ppm												
5	Bulk Density	500-750	500-750	680	gram / litre												
6	Sulphate as Na ₂ SO ₄ (Max)	0.02	0.02	0.008	% by mass												
7	Volatile Matter (Max)	0.7	0.7	0.5	% by mass												
8	Matter insoluble in Water (Max)	0.02	0.02	0.004	% by mass												
9	Particle Size Distribution :																
	+0.500mm	-	2.5	2.2	% by mass												
	+0.250mm	-	6.0	5.7	% by mass												
NOTE : These characteristics are applicable at the time of soda ash packing.																	
HEAD - Q C			HEAD - Production														