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SPECIFICATION NUMBER	:	SPEC/CHD/002C
TITLE	:	CHLORINE

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SR NO	PARAMETERS	SPECIFICATION
1	Description	: Clear amber liquid
2	Odour	: Characteristic suffocation
3	Density	: 1.468 gm/cc
4	Solubility	: Slightly soluble in water
5	Purity	: 99.50 % Minimum
6	Moisture	: 100 ppm Max.
7	Residue on evaporation	: 200 gm/kg Max.

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Application : It is Water Treatment chemical. It is also used in Paint Industry.

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SPECIFICATION NUMBER	:	SPEC/CHD/003C/CO
TITLE	:	CHLORINE CYLINDERS

SR NO	PARAMETERS	SPECIFICATION
1	Water capacity	: 840L
2	Chlorine filling	: 1000 kg
3	Outside diameter	: not more than 820mm
4	Total length	: not more than 2102 mm
5	Wall thickness	: 12mm +/- 0.5 mm
6	Weight of the empty container	: 600Kg +/- 50 gm

Material	Mechanical Properties				Chemical Composition					
	$\sigma_b$ (MPa)	$\sigma_s$ (MPa)	$\delta_5$ (%)	$A_{kv}$ (J)	C	Mn	Si	S	P	P+S
HP345 GB6653	≥510	≥ 345	≥ 20	≥27 (O°C)	≤0.20	≤ 0.15	≤ 0.35	≤ 0.035	≤ 0.035	≤0.060
16MnR GB6654	510~640	≥ 345	≥ 21	≥31 (O°C)	≤0.20	1.20~ 1.60	0.20~ 0.55	≤0.020	≤0.030	-----

Application : It is used for storing Water Treatment chemical. It is also used in Paint Industry.

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