

TECHNICAL DATA

KC-617, SODIUM HYPOCHLORITE

Item	Label Specifications		
		Sales Specifications	Range as Shipped
Sodium Hypochlorite % by weight	12.5%		
Available Chlorine % by volume	15.5%		*15.2-15.8%
Available Chlorine % by weight	12.8%		*11.9-13.0%
Excess Caustic	5 grams/liter		4.0-6.0 grams/liter
Specific Gravity @ 20 °C	1.209		1.205 – 1.215
Freeze Point	-9°F		-6°F to -10°F
Viscosity @ 77 °F	1.81 centistokes		1.74 -1.88 centistokes
pH	12.5		12.2 - 12.8
Color	Clear Yellow		Clear Yellow
Odor	Pungent Chlorine Bleach Odor		

Heavy Metals

Cadmium, ppm	avg 0.06	< 0.05-0.11
Calcium, ppm	avg 4.32	1.00-6.70
Chromium, ppm	avg 0.11	< 0.05-0.39
Cobalt, ppm	< 0.005	< 0.05
Copper, ppm	< 0.005	< 0.05
Iron, ppm	avg 1.11	0.52-2.39
Lead, ppm	avg 0.06	< 0.05-0.13
Magnesium, ppm	avg 1.24	< 1.00-3.9
Manganese, ppm	avg 0.05	< 0.05-0.08
Mercury, ppm	< 0.05	< 0.05
Nickel, ppm	avg 0.18	< 0.05-0.36
Zinc, ppm	avg 0.43	< 0.05-1.44

*Per EPA regulations, range may exceed specification by up to 25%. Max Use 84 mg/L

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.