



EAST COAST ORGANICS PRIVATE LIMITED

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Chennai – 600 103. India.



TECHNICAL DATA SHEET

BENZALKONIUM CHLORIDE

Product Name : BKC	Spec.Ref. No : TDS-011		
Chemical Name / Chemical Composition : Benzalkonium chloride	Date of Issue : 19.06.2015		
CAS No. : 8001-54-5	Issue No : 01		
Physical Appearance : Clear, colorless to light-yellow liquid	Rev : 00		
PRODUCT SPECIFICATION			
Characteristics	Unit	Limits	
		Lower Specific Limit	Upper Specific Limit
pH	--	6.00	9.00
Boiling Point	°C	--	78.5
Active Content	%	48.0	50.0
PERIODIC AUDIT TEST			
Specific Gravity @ Room Temperature	--	0.85	0.95
PRODUCT INFORMATION			
Solubility	Easily soluble in cold water, hot water. Soluble in methanol, acetone. Partially soluble in diethyl ether		
Classification			
Application Area			
Toxicity data	Acute oral toxicity (LD50): 240 mg/kg [Rat]. (Benzalkonium chloride)		
Handling and Personal Protection	May cause respiratory tract and mucous membrane irritation with sore throat, coughing, shortness of breath, and delayed lung edema. May cause chemical burns to the respiratory tract. High vapor concentrations may cause nervous system effects		
Storage	Keep away from oxidizing agents, acids, alkalis, heat and direct sunlight. Provide adequate ventilation and local exhaust. Store in a dry and cool place. Keep container tightly closed.		
PACKAGE			
HDPE BARREL/CARBUOY	50kg		
Shelf Life	12 Months		