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PRODUCT SPECIFICATION

产品规格书

Product Name	Benzalkonium Chloride 80% Solution (BKC 80%)	**Grade / Model**	80% w/v C12–C16 ADBAC solution; East Coast Organics public finished-good reference formulation
CAS No.	8001-54-5	**Executive Standard**	East Coast Organics finished-good specification ECO/QC/SPC/FG/009, Rev. 01, effective 2020-10-03
Revision Date	2026-11-16	**HS Code**	34021200 (indicative; verify by destination tariff and actual formulation)

No.	Item	Specification
1	Appearance	Clear solution free from visible extraneous matter
2	Assay	79.00–80.00% w/v
3	pH	6.00–8.00
4	Relative density	0.9400–0.9700
5	Colour and odour	Pale yellow liquid with mild odour
6	Flash point	41°C
7	Pour point	−10°C
8	Boiling point	101°C
9	Dynamic viscosity at 25°C	<100 mPa·s
10	Water solubility	Completely soluble

Remarks: Packing: 50 kg and 200 kg HDPE barrels/carboys, as publicly listed by East Coast Organics. Storage: Store locked up in a cool, well-ventilated place. Keep the container tightly closed and away from heat, sparks, open flames and incompatible materials; protect packages from damage and leaks.

Specification basis: Public typical specification and matching SDS from East Coast Organics for its 80% w/v C12–C16 ADBAC finished good. Values from other BKC concentrations or solvent systems are not merged into this specification; final supply subject to Richest COA.