

Technical Data Sheet

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Item Name:

Softener E90

PRODUCT INFORMATION

Chinese Name:	酯基季铵盐
Commodity Name:	Softener E90
Chemical Name:	Di-alkyl Ester Ammonium Methosulfate
Other Name:	Ester Base Quaternary Ammonium Salts
CAS No.:	91995-81-2

PRODUCT DESCRIPTION

Cationic surfactant, with properties of: Excellent softening effect; Antistatic ability; Resistance to yellowing.

Green & Safe: Excluding APEO, Formaldehyde; Easily biodegradable.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White to lightly yellowish paste or liquid
Odor	A slight characteristic odour
Color (Gardner)	8.0 max
Concentration (Solid content) by wt %	88-92
Isopropanol by wt %	10 max
Active matter by mmol/g	1.00-1.15
Amine value by mg KOH/g	6.0 max
pH (5% IPA/water 25 °C)	2.0-4.0
Acid vaue (mg KOH/g)	12 max

MAIN APPLICATION

As softener in: Fabric softener; Dyeing and finishing of cotton, hemp, silk, wool, polyester, fiber yarn and etc.; Hair conditioner; Fabric finishing smooth processing.

PACKING, LOADING AND SHELF LIFE

Packing: 200kg plastic drum on pallets

Loading: 16mt/20'fcl for 200kg drums

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.