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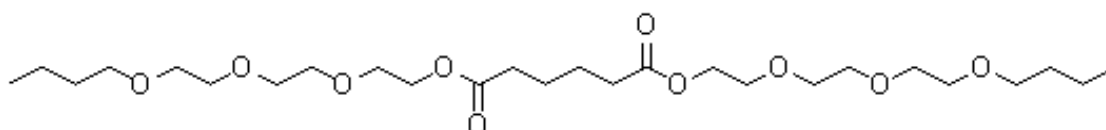
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High Molecular Weight Adipic Ester

BC BTA – bis[2-[2-(2-butoxyethoxy)ethoxy]ethyl] adipate

Chemical Data

Common name: Dibutoxytriglycol adipate
Chemical name: 1,6-bis((2-[2-(2-butoxyethoxy)ethoxy]ethyl))
hexanedioate
Chemical formula: $C_{26}H_{50}O_{10}$
Structural formula:



CAS No.: 65520-46-9

EC No.: 265-807-4

Parameter

Specification

Typical properties

Appearance:	Clear yellow, brownish liquid	Clear yellow liquid
Viscosity (25 °C) in mPa·s:	27.0-35.0	28.0
Volatility (2 h, 100 °C) in %:	≤0.8	0.3-0.6
Acid number in mg _{KOH} /g:	≤8.0	3.0-6.0
Saponification value in mg _{KOH} /g:	208.0-222.0	215.0
Density in g/cm ³ :	1.030-1.042	1.035
Flash point in °C:	230.82	230.82
Gardner color scale:	≤10.0	3.0

Packaging and Storage

Packaging: 50 kg or 200 kg drums, 1,000 l IBCs
Shelf life: 24 months from the date of manufacture
Storage and transportation: It should be stored in the tightly closed original packaging in a dry place.

Application

BC BTA is an adipic ester to enhance the cold flexibility of elastomers. BC BTA is used as a plasticiser in rubber compounds, especially suitable for compounds based on HNBR, NPR, NBR/PVC, CMS, CM, CR and ACM.

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