

Technical Bulletin

Trilon® C Liquid 50%



Trilon® C liquid 50% is a clear, amber, aqueous solution of pentasodium diethylenetriaminepentaacetate (Na_5DTPA). It is effective in systems where the chelating agent must compete with other complexing materials, and be compatible with concentrated electrolytes.

APPLICATIONS:

Detergents & Cleaners:

Stabilizes detergents containing perborates, persulfate and peroxide bleaches. Improves detergency of surfactants.

Pulp/Paper:

Improves bleaching efficiency by preventing metal catalyzed decomposition of peroxide and hydrosulfite bleaches. Reduces brightness reversion in kraft, sulfite, recycle and thermomechanical pulps.

Textiles:

Stabilizes peroxide bleach baths, improves bleaching efficiency, and prevents fabric tendering. Used in preparation stage to improve cleaning and remove metals that are harmful in subsequent bleaching, dyeing, and finishing operations.

Soap:

Prevents chalking, rancidity, and metal catalyzed discoloration. Prevents formation of metal-soap curds.

Polymerization:

Used in the polymerization of styrene-butadiene rubber. Reduces metal contamination in suspension polymerization of PVC. Stabilizes polymer systems.

Specifications	
Appearance	Clear liquid
Assay (as Na_5DTPA)	50.0 – 51.5 wt/wt %
1% pH	11.0 – 11.18
Color, APHA	475 max
Ammonia	100 ppm max
Specific Gravity @ 25°C.	1.35 – 1.39
Free NaOH	2.0% max
Calcium chelation value, mg CaCO_3/g	99.0 min

Typical Physical Properties	
Appearance	Clear liquid
Concentration	50.8

Shelf Life:

BASF will endorse the results on the certificate of analysis for a period of up to two years from the date of manufacture for material in original, unopened, properly stored containers. Beyond two years, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

Trilon® is a registered trademark of BASF in many countries.

For More Information:

Order Placement

To place orders for delivery in the United States please call our toll free number (800) 443-6460. To place orders for delivery in Canada please call BASF Canada at (800) 267-2955.

For Other Information

Including product literature and Material Safety Data Sheets please call (800) 443-6460.

Or Visit Our Website At:

www.performance.basf-corp.com

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