

SODIUM TERTIARY BUTOXIDE

(20% / 2.0M Solution in THF)

M.F: C₄H₉ONa

Mol. Wt: 96.10 gm/mol

CAS Reg. No.: 865-48-5

SPECIFICATIONS:

Description	: Light yellowish to yellowish red/brown or dark coloured liquid.
Free alkalinity Content by K.F. (as NaOH)	: Max 1.0% w/v
Assay % w/w (Total alkalinity as STB)	: For 20% Solution : 20.0 ± 2.0% w/w For 2.0M Solution : 1.90 to 2.20M

PACKING:

Material packed in narrow mouth opening MS/HDPE Drums under nitrogen atmosphere.

APPLICATIONS:

STB is used for deprotonation in the reaction types of alkylation's, condensations, elimination, isomerizations and rearrangement. In addition, STB can be used with butyl lithium to give "super base".



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