SUNSHINE
CHEMTECH

TERT BUTYL HYDRO PEROXIDE
(TBHP)



CHEMICAL NAME : Tert Butyl Hdro Peroxide
STRUCTURE : $(CH_3)_3COOH$
CAS NUMBER : 79-91-2
PACKING : 30kg

APPEARANCE : Clear colourless liquid
ASSAY : 70% ± 2%
ACTIVE OXYGEN : 12.0% – 13.5%
SOLUBILITY : Miscible with organic solvents & water.

APPLICATION : Tertiary Butyl Hydroperoxide (TBHP) serves as a versatile free-radical initiator in the production of polymers, copolymers, and unsaturated polyester resins, as well as a key oxygen-transfer agent in the Halcon process for producing propylene oxide. Its strong oxidative properties enable selective oxidation in chemical synthesis, fine chemical manufacturing, pharmaceutical API production, and specialized biomedical applications.