

TERTIARY BUTYL HYDRO PEROXIDE (T.B.H.P.)

CHEMICAL NAME	:	Tertiary Butyl Hydro Peroxide
GENERAL NAME	:	TBHP
PEROXIDE CLASS	:	Tertiary Alkyl Hydro Peroxides
STRUCTURE	:	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3\text{C} - \text{O} - \text{O} - \text{H} \\ \\ \text{CH}_3 \end{array}$
MOLECULAR WEIGHT	:	90.1
U.N. NO.	:	2092
PACKING	:	20Kgs. in HDPE Carbuoys

TYPICAL PROPERTIES

FORM	:	Colourless Liquid
ASSAY (BY WEIGHT)	:	73%
ACTIVE OXYGEN (% BY WEIGHT):		13%
MAXIMUM STORAGE TEMPERATURE	:	38°C
RECOMMENDED STORAGE TEMPERATURE	:	< 30°C
SHELF LIFE	:	Six months
S.A.D.T.	:	88°C (ASTM / UN method)
MELTING / FREEZING POINT:		-25°C
FLASH POINT	:	< 25°C (SETA)
SPECIFIC GRAVITY AT 25°C	:	0.900
SOLUBILITY	:	Very Soluble in most organic solvents. Moderate soluble in water.