SUNSHINE
CHEMTECH

META CHLORO PER BENZOIAC ACID
(mcpba)



CHEMICAL NAME : 3-chloroperoxybenzoic acid

STRUCTURE : $ClC_6H_4CO_3H$

CAS NUMBE : 937-14-4

PACKING : 20 kg

APPEARANCE : White colour powder

ASSAY : 72% - 75%

SOLUBILITY : Soluble in dichloromethane, chloroform, ether insoluble in water.

APPLICATION: Primarily used for the epoxidation of alkenes (converting alkenes to epoxides) and Baeyer-Villiger Oxidation (converting ketones to esters). Converts alkenes into epoxides (oxiranes) in a stereospecific *syn* addition, retaining the starting alkene's stereochemistry, Oxidizes sulfides and selenides to sulfoxides and sulfones, and tertiary amines to *N*-oxides.