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PROCESS FOR THE PREPARATION OF 3, 4-DIHALO-1, 2-EPOXYBUTANES FROM
3, 4-EPOXY-1-BUTENE

ABSTRACT

Disclosed is a process for the preparation of
3,4-dichloro- and 3,4-dibromo-1,2-epoxybutane by the
reaction of 3,4-epoxy-1-butene with chlorine or bromine
5 in the presence of a catalytic amount of a tertiary
amine or a hydrohalide of a primary, secondary or
tertiary amine. The reaction preferably is carried out
by the addition of 3,4-epoxy-1-butene and chlorine or
bromine to an organic, halogenation solvent containing
10 chlorine or bromine and tertiary amine or amine
hydrohalide catalyst.