Chemistry Review -fust step, alcohol is deprotonated Preparation of Ethers. to form alkoxide ion Williamson Ether Synthesis - 2nd step alkoude functions as a 1)NoH R-0-0 2)(3x nucleophile in an Sn2 reaction. R-OH - since 2nd step is Sn2, steric effects must be considered. Reaction of Ethers B-0-O HX, B-X + B-X + H20 - when ethers are headed with a concentrated solution, they undergo acidic cleavage. is the ether is then converted to two alkyl halicles. from Notesale.co.uk 1) the process involves two substitution reactions Preparation of Epoxides. age 1 of a tont First & Alkenes can be converted into epoxides upon treatment with peroxy acids (MCPBA) Sciond's Epoxdes can be formed from halohydrins -> alkenes become halohydrins when treated with a halogen in the prescence of water -> halohyarin converted to eposide in the presence of a strong base + Ensutioner NAOH 2.