Phosphoric Anhydride is a unique reagent in organic synthesis which is involved in reactions of dehydration, dealcoholysis, phosphorylation, condensation, rearrangement and catalysis, amongst others. Producing numerous organic and inorganic phosphates which are used in the textile, food and drink, and paper and plastics industries, phosphoric anhydride is a valuable and versatile starting material. Phosphoric anhydride and its derivatives are of particular importance in biochemistry as a phosphorylating agent. Phosphoric Anhydride addresses researchers, industrial chemists and advanced students in organic, organophosphorus, biological, inorganic and chemical technology. Contents Introduction Preparation Structure and physico-chemical properties Reactivity Phosphoric anhydride in the evolution of life Phosphoric anhydride and its derivatives in biological chemistry Applications References Index

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