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## Chemical Education

### Harries Ozonolysis

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#### ABSTRACT

*Research contribution of Carl Dietrich Harries (5 August 1866 – 3 November 1923) served a lot to investigate polymers and rubber and to establish experimental procedures for ozonolysis. Carl Dietrich Harries demonstrated the generality of the chemical reaction of unsaturated compounds with ozone. This leads to conclude the possibility of use of ozone for the synthesis of a variety of compounds. Ozone is used for fragmentation of alkenes into any of the alcohols, aldehydes, ketones or carboxylic acids. Acid anhydride or diketone products are released through the ozonolysis of alkynes. The method of ozonolysis was famous for the confirmation of the structural repeat unit in natural rubber as isoprene.*

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