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(54) **Title**: COMPOSITIONS AND KITS FOR ENZYMATIC DEBRIDEMENT AND METHODS OF USING THE SAME

(57) **Abstract**: A debridement enzyme for necrotic tissue is described that is not dependent upon proteolytic enzymatic activity but instead utilizes the amylase family of enzymes. The amylases (α-, β-, γ-amylase) are noted for the cleavage of the a-glycosidic bonds of polysaccharides, yielding lower molecular weight carbohydrate/sugar fragments. It has now been found that a-amylase is effective in the debridement of devitalized tissue.