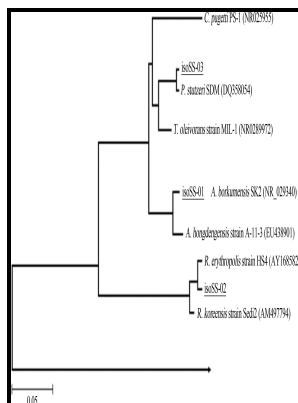


Biodegradation of crude oil and individual hydrocarbons by microorganisms

- - Microbial biodegradation



Description: -

-Biodegradation of crude oil and individual hydrocarbons by microorganisms

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Notes: Thesis (Ph.D.) - Loughborough University of Technology, 1991.

This edition was published in 1991



Filesize: 42.37 MB

Tags: #Hydrocarbon #biodegradation #and #antibiotic #sensitivity #of #microorganisms #isolated #from #an #oil #polluted #site #in #Kokori, #Delta #State, #Nigeria

Biodegradation

This leads to decreasing oil quality by lowering API gravity while increasing viscosity, sulfur, and metal content. Data Availability All datasets generated or analyzed during this study are included in the manuscript. In addition to pollution through human activities, approximately 250 million litres of petroleum enter the marine environment every year from natural seepages.

Microbial degradation of petroleum hydrocarbons

Biodegradation of Lagoma crude oil using pig dung. Environmental International, 2011; 37: 1362-1375.

Biodegradation of hydrocarbon

Our knowledge gained from studying pure cultures of hydrocarbon degraders is important, but hydrocarbonoclastic bacteria rarely, if ever, function in isolation in nature. Gas ebullition from petroleum hydrocarbons in aquatic sediments: A review.

Biodegradation of hydrocarbon

The mixed bacterial consortium showed more growth and degradation than did individual strains. Oil Biodegradation and Bioremediation: A Tale of the Two Worst Spills in U.

Biodegradation

The process can take more or less time depending on the amount of type and amount of bacteria, the reservoir or ecosystem in which the bacteria are found, and the amount of oxygen present. Filters for Card-FISH counts were embedded in low-gelling point 0.

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