

## Manufacture of Jet Fuels through the Hydro-Conversion of Fatty Acids and Vegetable Oils

Saima Khan\*

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Fa acd; O; H d -c e ; Je t e

Р d c ae e t ee abeete a a aced t b ead eac d e ece ea .Je a e , - a a ed a e t - a a ee, e t e С , a ac a a e c e aed e e.A a c a d a d a eteaeadea a а adce caac ссс а b c de. aeca e t d есе с d de 🔩 e a ed a d c ac ed c e b d d ссс d, eea c adee e , e a d a a c c e eata acda de ee (C9ее e dee, a C14) a d d e tac , >C9 d cab d , be

> \*Corresponding author: Saima Khan, Department of Chemical Engineering, Faculty of Engineering, University of Malaya, Malaysia, E-mail: Simak@hotmail. co.in

Received: 03-Oct-22, Manuscript No. ogr-22-77793; Editor assigned: 06-Oct-22, Pre QC No ogr-22-77793 (PQ); Reviewed: 21-Oct-22, QC No. ogr-22-77793; Revised: RQH IRKKLQJ IMH INO SURSHUWHV & GLURQDOWN VSHELHG FDDOVVSURSH PRVMHFVMUHV & WDVUHSRUDZEOHIRU-DURSKDRLOSURFHVVJLKQJRQDRSRIHLJKVM OLT&GVHFVRQPHUFKDQGLVHRMUQLFNHOV & SRUHGRQ3:2KGURDSDVMDFDIRMK& MLUEDUHOHPHQMUHDEOHRLOKGURFRQMUVLRQDVSHUIRUPHGLQDQHFHHGLQJ AI

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t e edae e a ed ec e e ca a а а e e e d ec [6]. e c d ad a a a e Æed cac aed t d ⊷⊴ e e e а a e e a e eWdTadeCeetecaa e 0.3, e а be e e e t e a e e a t t а d e t e а ea .Аа bea e e ab e [7], 2 e ce e e e de e ed t ce e etea e a e a d de 🔩 e a ed t b eecde A cae acdc d c e 1 2 e e 🖾 caa.Paca Ka e d c e W d T ade Ce e P /A 2O3 a d 0.5 W d T ade Ce e P /HY SO2/A2O3 a a e e a a caa а t e t e eda da I/N a a e e a ee ba ed. I ab e a add a e 🔩 e edaaa c d be e ed d c e t e e ab e , e HDO ca a e ed t a d e be deac a ed, e et e a - e e d a ed. e e c a d e ta ed c a a ed a c -[8]. Ve e ab e d e a GH⊠aa d c e e a add cce c e abe ba da c t e а e NA a dPd ca a de ea e ea eadee e e. ec t e d ec ecade ba ed e t e e ab e e W d T ade Ce e N A /SAPO-11 a 400 C de ea ba ee e a ea e et Je A-1, eW dTadeCe eP/SAPO-11 a 450 C e ea e de ea eba ee e e ecadetaed с а e ad aaae a a cca a ea Fa ecadeta ed t e e ab e W d e T ade Ce e N A /SAPO-11 e e CO, ee e a a d a. e a e a be de d e a ed e e. Me e, e cabed de e ed a add t ca b d,ta ad decade а e t [9].

d c d , ta acdad e e e ce t dee d t e ее e c e e ca a e e teed c, eac c d e e a e ca a еe. F teteb d c e d c t ta ac d a d bt c e ea adacdt c a ca a a e ed, d с e e a tac a e d ea /dedea

 Ô@^}\*ÅRĖÅŠå/VĖAP<sup>\*</sup>æ}\*ÅÜĖAZ@[<sup>\*</sup>ÅRĖÅÔ^}ÅSÅÇG€FIDÅU]œi {å:å}\*Å&æœ@[°•å•Å&[}åiœi[}•Å to decrease aromatic hydrocarbons and increase alkanes for improving jet biofuel quality. Bioresour Technol 158: 378-382.

10. Ô@^}\*ÅRĖÅZ@æ}\*ÅZĖÅZ@æ}\*ÅYĖÅŠi~ÅRĖÅZ@[~ÅRĖÅ~okæjĖÅÇG€FJDÅP^å¦[å^[¢^\*^}æä[]Å and hydroconversion of microalgae biodiesel to produce jet biofuel over PHÚYFGUI€ĖÞä@i^\æ¦&@i&æjÅ{^•[][¦[~•Å:^[]ir^ÅŸÅ&ææ]^•c. Fuel 245: 384-391.

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Oil Gas Res, an open access journal ISSN: 2472-0518 Volume 8 • Issue 10 • 1000266

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