

Accepted Manuscript

Title: Numerical and experimental study of the explosion pressures and flammability limits of lower alkenes in nitrous oxide atmosphere

Authors: Yusuke Koshihara, Takashi Hasegawa, Hideo Ohtani

PII: S0957-5820(18)30356-2
DOI: <https://doi.org/10.1016/j.psep.2018.06.024>
Reference: PSEP 1426

To appear in: *Process Safety and Environment Protection*

Received date: 5-4-2018
Accepted date: 11-6-2018

Please cite this article as: Koshihara, Yusuke, Hasegawa, Takashi, Ohtani, Hideo, Numerical and experimental study of the explosion pressures and flammability limits of lower alkenes in nitrous oxide atmosphere. *Process Safety and Environment Protection* <https://doi.org/10.1016/j.psep.2018.06.024>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Numerical and experimental study of the explosion pressures and flammability limits of lower alkenes in nitrous oxide atmosphere

Yusuke Koshiha ^{a, *}, Takashi Hasegawa ^b, Hideo Ohtani ^c

^a Department of Materials Science and Chemical Engineering, Faculty of Engineering, Yokohama National University, 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

^b Graduate school of Environmental and Information Sciences, Yokohama National University, 79-7 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

^c Department of Safety Management, Faculty of Environmental and Information Sciences, Yokohama National University, 79-7 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

* Corresponding author: Telephone number: +81 45 339 3985

Fax number: +81 45 339 3985

E-mail addresses: ykoshiha@ynu.ac.jp, koshiha-yusuke-xm@ynu.ac.jp

Postal address: 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501,

Japan

The first two authors contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/6973857>

Download Persian Version:

<https://daneshyari.com/article/6973857>

[Daneshyari.com](https://daneshyari.com)