## Accepted Manuscript

Behavioral toxicity of sodium cyanide following oral ingestion in rats: Dose-dependent onset, severity, survival, and recovery

Nathaniel C. Rice, Noah A. Rauscher, Jeffrey L. Langston, Todd M. Myers

PII: S0278-6915(18)30098-X

DOI: 10.1016/j.fct.2018.02.033

Reference: FCT 9604

To appear in: Food and Chemical Toxicology

- Received Date: 15 November 2017
- Revised Date: 2 February 2018
- Accepted Date: 14 February 2018

Please cite this article as: Rice, N.C., Rauscher, N.A., Langston, J.L., Myers, T.M., Behavioral toxicity of sodium cyanide following oral ingestion in rats: Dose-dependent onset, severity, survival, and recovery, *Food and Chemical Toxicology* (2018), doi: 10.1016/j.fct.2018.02.033.

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.



Behavioral Toxicity of Sodium Cyanide Following Oral Ingestion in Rats: Dose-Dependent Onset, Severity, Survival, and Recovery

Nathaniel C. Rice, Noah A. Rauscher, Jeffrey L. Langston, Todd M. Myers\*

\*Corresponding Author

United States Army Medical Research Institute of Chemical Defense 2900 Ricketts Point Rd, Aberdeen Proving Ground, MD, 21010

Todd.M.Myers14.civ@mail.mil

Keywords: Sodium cyanide (NaCN), variable-interval schedule of reinforcement, median lethal dose (LD<sub>50</sub>), oral toxicity, operant behavior, rat

Funding: This work was supported by a collaborative agreement between the National Institutes of Health and the U.S. Army Medical Research Institute of Chemical Defense. This research was supported in part by appointments (NCR, NAR) to the Research Participation Program at the U.S. Army Medical Research Institute of Chemical Defense administered by the Oak Ridge Institute for Science and Education through an interagency agreement between the U.S. Department of Energy and U.S. Army Medical Research and Materiel Command.

Disclaimer: The views expressed in this manuscript are those of the author(s) and do not reflect the official policy of the Department of Army, Department of Defense, or the U.S. Government.

Download English Version:

## https://daneshyari.com/en/article/8547796

Download Persian Version:

https://daneshyari.com/article/8547796

Daneshyari.com