



COMPANY SANITIZED

The Dow Chemical Company
Midland, Michigan 48674
USA

1803 BUILDING
May 1, 2008

[CONFIDENTIAL BUSINESS INFORMATION 40 CFR 2.201-2.215]

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED 7004 2890 0001 1272 3204

Document Processing Center (7407M)
(Attn: TSCA Section 8(e) Coordinator)
Office of Pollution Prevention and Toxics
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460-0001

RE: METAL WORKING FLUID CONTAINING 3-AMINO-4-OCTANOL, CASRN 1001354-72-8
AND OTHER MATERIALS

Dear Sir/Madam:

The following information is being submitted by The Dow Chemical Company (Dow) pursuant to current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act. Dow has made no determination as to whether a significant risk of injury to health or the environment is actually presented by the findings.

Information was provided during a telephone conversation.

We were told mortality was observed.

An estimation of the total dosage received during the test was calculated based upon an EPA DERMWIN (v.1.43) generated value for dermal penetration flux, anatomical constants for the test animal and exposure information. It was determined that an internal dose of approximately 170 mg/kg of 3-amino-4-octanol was potentially delivered. This dosage is well within the potential range of the known oral LD50 for this material, 89-2430 mg/kg (mean value, 550 mg/kg) in rats. This finding is consistent with the known toxicity of the test material but was observed in a new animal species.

Questions may be directed to the undersigned.

Sincerely,

Linda C. Burgert
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