

US EPA ARCHIVE DOCUMENT

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

008609

SEP 27 1991

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: Review of supplemental data for "Tests for other genotoxic effects autoradiographic DNA repair test on rat hepatocytes".

Tox.Chem No.: 740
MRID No.: 41441902
HED Project No.: 1-1527
Submission No.: S397851

To: Venus Eagle
Special Review and Reregistration Division
Reregistration Branch (H7508)

From: John C. Redden, Toxicologist
Section 3
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J.C. Redden 9/24/91

Thru: Henry Spencer, Ph.D.
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Hand 9/24/91
HP 9/24/91

CONCLUSIONS:

In Document No. 007992 MRID No. 414429-02 "Tests for other genotoxic effects autoradiographic DNA repair test on rat hepatocytes" was coregraded unacceptable, because no evidence was provided that the high-dose (170 µg/ml) represented a cytotoxic level or solubility limit.

The supplemental data reported no toxic effects at any concentration in the cytotoxicity test. The highest concentration used in this assay was determined by the solubility limit of the test substance. Therefore, the study can be upgraded to acceptable.

JCF