8EHQ-0797-13491

(B)

PDCN: 88950000275

June 25, 1997

Document Control Officer (7407)
Attn: TSCA Section 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. EPA
401 M Street, SW
Washington, DC 20460-0001

CONTAINS NO CBI

OPPT SAC
11-17-97

RE: 8EHQ-0895-13491

Dear Sir:

As a follow up to the request of Scott Sherlock (see attached), we are amending the sanitized copy of our 8(e) submission as referenced.

Please call if you have any questions.

Sincerely,

8EHQ-95-13491

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CHP-0895-13491
amended 6/25/97

CONTAINS NO CBI

August 4, 1995

Document Processing Center (TS-790)
ATTN: Section 8(e) Coordinator
Office of Toxic Substances
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

Confidential Information Has Been Sanitized

Dear Sir:

is submitting the results of a 28-day Oral Toxicity study on a Research & Development material, an alkali metal - Sodium metaturngstate, CAS # 12141-67-2.

In the subacute toxicity study, the test material was administered daily by gavage to groups of Wistar rats (5/sex/dose-level) over a 29-day period. Dosages used were 0 (control), 50, 150, and 750 mg/kg bwt/dy. Treatment related effects were restricted to the high-dose group and consisted of the following:

5/5 males and 3/5 females died between days 6-19 of treatment. The two remaining females were moribund and were sacrificed on days 14 and 17, respectively, for humane reasons. Clinical signs included hunched posture, rough coat, salivation, emaciation, alopecia and dehydrated appearance, reduced body weights and food consumption. Micropathology revealed effects on the liver (hydropic degeneration with cell death, hepatocellular basophilia, and oval cell and bile duct proliferation), the kidneys (proximal tubular degeneration), lymphoid organs (lymphoid depletion and/or atrophy), the pancreas (edema and acinar degenerative changes) and the gastro-intestinal tract (mucosal atrophy). The NOAEL for this study was consequently set at 150 mg/kg bwt/dy.

We are reporting the information as the TSCA 8(e) reporting guidelines state "without regard for actual/potential exposure to, or the size of the administered dose(s) of,.....if the observed findings involve either statistically or biologically significant serious organ-specific or organ system-specific effects", we assume that these criteria continue to apply despite the lethality of the dosage level at which the effects were observed.

The information submitted in this report is considered Confidential Business Information. A confidential and a sanitized version are being submitted.

Please contact me if you have any questions.

Sincerely,

Confidential Information Has Been Sanitized