

US EPA ARCHIVE DOCUMENT



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

OCT 27 1986

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Metam Sodium, Requirement for Acute Neurotoxicity Study (Hen Study)

TO: Geraldine Werdig, Chief
Data Call In
Registration Division (TS-767)

FROM: ~~Robert P. Mendzian~~ *10/5/86*
Pharmacologist
Mission Support Staff
Toxicology Branch
HED (TS-769)

THROUGH: Reto Engler PhD, Head
Mission Support Staff

Theodore M. Farber PhD, Chief
Toxicology Branch

W. Taylor 10/27/86
M. Farber
10/27/86

Compound; metam Sodium

Tox Chem

Registration #39003

Registrant; Stauffer

Accession #N/A

Tox Project #7-0135

Action Requested

Registrant contends that "Guideline 81-7, Acute Delayed Neurotoxicity of Organophosphorous Substances, is not applicable to metam sodium. Metam Sodium is not an organophosphate compound and according to 40 CFR 158.135, such a study is not required."

Conclusion and Recommendation

The Registrant is correct, as the title states, this test is only for Organophosphate compounds. The test is "Not required unless test material is an organophosphate, or a metabolite or degradation product there of which causes acetyl cholinesterase depression or is structurally related to a substance which causes delayed neurotoxicity."

The Registrant should be notified that the study is not required.