

1416 MEMORANDUM

(ASWBLL FILE)

SUBJECT: SC-0224 (Sulfosate); Tox Comments
on Stauffer Chem. Co. 4/27/87 letter.
(Tox Chem #93C) EXPEDITE

FROM: R. Bruce JAFFER, Section Head
Review Section #1
Tox. Br. / HED (TS-769)

4/29/87

TO: R. Taylor, PM #25
Herbicide / Fungicide Branch
RD (TS-767)

Toxicology Branch appreciates the response from Stauffer. We concur with their comments about teratology and reproduction studies, with the following observation:

Teratology (rat): Teratogenic NOEL > 333 mg/kg (HDT)
Fetal NOEL = 100 mg/kg
Fetal LEL = 333 "
Maternal Tox. NOEL = 100 mg/kg
Maternal Tox. LEL = 333 "
CORR. Minimum

Teratology (rabbit): Teratogenic NOEL > 100 mg/kg (HDT)
Maternal Tox. NOEL < 10 mg/kg (LDT)
[unexamined]
increased mortality: NOEL = 40 mg/kg
" abortion: NOEL = 40 mg/kg
" reduced feed intake: NOEL = 10 mg/kg
CORR. Guideline

2-Generation Reproduction (rat): NOEL = 150 ppm
LEL = 800 ppm (reduced feed intake,
reduced b.wt; reduced thymus weight;
increased platelet count).
No adverse effects on reproduction
indices at doses up to and including
2000 ppm.
CORR. Guideline