

US EPA ARCHIVE DOCUMENT

25

APR 20 1984

Caswell No(s): 11

To: Robert Taylor (PM #25)

added to files

Registration No(s): 524-316

Pesticide Petition No(s): N/A

Chemical(s): Alachlor (Lasso)

Requested Action(s): Review of a summary letter by Monsanto

dated 11/8/83 (copy attached) . This letter was submitted to

report on the status of the ongoing new chronic feeding study in

rats (Study #ML-80-186/ 224).

Recommendation: The above letter indicated that Alachlor was oncogenic

in the new study and that a NOEL for ocular lesions was determined

(see also attached letter of 6/11/82).

In the absence of the study report this reviewer cannot make any

recommendation at the present time. However, it appears that a higher

incidence* of nasal turbinate tumors occurred in this study. Thus, a

new oncogenic risk assessment should be performed when the new study

is submitted.

Inert(s) cleared 180.1001: N/A

% of ADI occupied: Existing: N/A Resulting: N/A

Resulting % increase in TMRC: N/A

Data considered in setting the ADI: N/A

Attached(?): ADI printout: YES/NO; TOX "one-liner": YES/NO; DER: YES/NO

Existing regulatory actions against registration: N/A

RPAR status: N/A

New Data: N/A

Data gaps: N/A

*Comments: Monsanto's letter reflected incidences of nasal turbinate

tumors at 2.5 and 15 mg/kg/day. In a previous, study BD-77-421, this

kind of tumor did not occur at 14mg/kg/day (lowest dosage tested).

Reviewer: Amal Mahfouz
JPC 4/13/84

Date: 4/10/84 APR 20 1984
Branch Chief: [Signature] 4/20/84

Section Head:

Branch Chief: