



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

28/JUL/2004

MEMORANDUM

Subject: Name of Pesticide Product: Penoxsulam Technical
EPA Reg. No./File Symbol: 62719-UOO
DP Barcode: 305211
Decision #: 211688
PC Code: 119031 Benzenesulfonamide, 2-(2,2-difluoroethoxy) -
N-(5,8-dimethoxy[1,2,4]triazolo[1,5c]pyrimidin-2-yl)
-6(trifluoromethyl) (DE-638, Penoxsulam)

From: Tracy Keigwin *TK* *JK*
Technical Review Branch
Registration Division (7505C)

To: Philip Errico, PM 23
Herbicide Branch
Registration Division (7505C)

Applicant: Dow AgroSciences LLC .
9330 Zionsville Road
Indianapolis, IN 46268

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FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
119031 Penoxsulam	98
<u>Inert Ingredient(s):</u>	<u>2</u>
Total:	100%

ACTION REQUESTED: PM requests review of response from Dow Agrosciences LLC with regard to EPA File Symbol 62719-UOO.

BACKGROUND: Dow AgroSciences LLC has submitted a response to our review concerning EPA File Symbol 62719-UOO. The acute inhalation toxicity study (MRID 45830818) submitted to support the registration of this product was found unacceptable due to unusual study results. The response from Dow rebutted the previous review and provided an explanation for the erroneous result in the acute inhalation study.

RECOMMENDATIONS: The rebuttal from Dow was thorough and acceptable for EPA File Symbol 62719-UOO. We will accept the explanation for the differences in nominal and gravimetric concentrations for the acute inhalation study submitted in support of EPA File Symbol 62719-UOO (MRID 45830818) and will agree to a toxicity 4 classification for acute inhalation toxicity for MRID 45830818.

The acute toxicity profile for EPA File Symbols 62719-UOO is as follows:

Acute oral toxicity	IV	Acceptable	MRID 45830812
Acute dermal toxicity	IV	Acceptable	MRID 45830815
Acute inhalation toxicity	IV	Acceptable	MRID 45830818
Primary eye irritation	IV	Acceptable	MRID 45830820
Primary skin irritation	IV	Acceptable	MRID 45830823
Dermal sensitization	No	Acceptable	MRID 45830826

(2)

PRECAUTIONARY STATEMENTS: EPA File Symbols 62719-UOO:

No precautionary labelling is required since this product is category IV for all routes of exposure and is not a dermal sensitizer. The precautionary labelling and first aid statements on the provided label are acceptable.

Although this product does not fall within the scope of the Worker Protection Standard, we recommend that the following (minimally) appear on the label:

Handlers of this product must wear:

Long Sleeve Shirt

Long Pants

Socks

Shoes