



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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

22/JUL/2003

MEMORANDUM

Subject: GF - 947 Granule SF  
EPA File Symbol 62719-LNG *TK*  
DP Barcode: D288148  
Case No: 065254  
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  
Technical Review Branch  
Registration Division (7505C)

*By T. Keigwin  
7-23-03*

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:****Active Ingredient(s):**

Penoxsulam: 2-(2,2-difluoroethoxy) - 6-trifluoromethyl-N-(5,8-dimethoxy[1,2,4]triazolo[1,5c]pyrimidin-2-yl) benzenesulfonamide

% by wt.  
0.24

**Inert Ingredient(s)**

Total: 99.76  
100.00

**ACTION REQUESTED:** PM requests review of acute toxicity determination for GF-947 Granule SF, EPA File Symbol 62719-LNG.

**BACKGROUND:** Dow AgroSciences LLC has requested registration of GF-947 Granule SF, EPA File Symbol 62719-LNG. This granular product contains the new chemical penoxsulam and the label states that it is for selective weed control in water-seeded rice. They are requesting a waiver of the 6 acute toxicity studies and have stated that "due to the low acute toxicity of the technical material and the low concentration of the active ingredient (0.24%) in GF-947 Granule CA and GF-947 Granule SF, acute toxicity testing of this formulation is not required per PR Notice 2001-2".

**RECOMMENDATIONS:**

Dow AgroSciences LLC is correct in that the studies that were used to support the technical product may be used to support EPA File Symbol 62719-LNG. Unfortunately, the acute inhalation toxicity study that was submitted in support of the technical product was found unacceptable and thus can not be used to support the registration of EPA File Symbol 62719-LNG.

The acute toxicity profile for EPA File Symbol 62719-LNG is as follows:

Acute oral toxicity	IV	Acceptable	Cited (MRID 45830812)
Acute dermal toxicity	IV	Acceptable	Cited (MRID 45830815)
Acute inhalation toxicity	-	<b>Unacceptable</b>	Cited (MRID 45830818)
Primary eye irritation	IV	Acceptable	Cited (MRID 45830820)
Primary skin irritation	IV	Acceptable	Cited (MRID 45830823)
Dermal sensitization	No	Acceptable	Cited (MRID 45830826)

**PRECAUTIONARY STATEMENTS:** The precautionary labeling for this product can not be determined until an acceptable acute inhalation study has been submitted or cited.