



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

MAY 1 1985

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: File #241-EIR
[RCB #685; Acc# 256492]

Pendimethalin; New
Manufacturing Use
Product

FROM: William L. Anthony
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

THRU: Ed Zager, Section Head
Special Registration Section II
Residue Chemistry Branch
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TO: Robert Taylor, PM# 25
Fungicide Herbicide Branch
Registration Division (TS-767)

The American Cyanamid Company, Agricultural Research Division, Princeton, N.J. requests registration of a new manufacturing use product (MUP), Prowl® MC-60, to better facilitate the shipping and handling of their technical pendimethalin, [N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine], Prowl®.

The new MP differs from the registered technical Prowl® [EPA Reg #241-245) only in the addition of an inert, which has been cleared.

Under requirement \$150.120 (Product Chemistry data), Series #61 and #62, the petitioners have submitted: the manufacture process; a Confidential Statement of Formula; analytical methods to verify certified limits; and physical/chemical characteristics of the MP. No residue problems are expected from the use of this new MUP.

There are established tolerances for residues of pendimethalin and its metabolites on several R.A.C.'s ranging from 0.05 to 0.25 ppm (40 CFR 180.361).

Confidential Statement of Formula, Manufacturing Process, and
Physical & Chemical Characteristics

(See Confidential Appendix)

Analytical Methods

The herbicidal content of the technical material or liquid, granular or wettable powder formulations, are assayed by GLC/FID. Para-terphenyl is used as the interval standard. Limit of detection is <0.05 ppm.

Conclusion and Recommendation

The inert ingredient in this Manufacturing Use Product is cleared [REDACTED]

We have no objection to the proposed registration of the new manufacture use product.

INERT INGREDIENT INFORMATION IS NOT INCLUDED

cc: (with CBI) Reviewer, RD,
cc:(without CBI) Circu:S.F., R.F.
RDI:EZ:4/16/85: RDS:4/16/85
TS-769:RCB:WA:bj: RM-810:CM#2:4/22/85