

DATE OUT: OCT 30 1996

SUBJECT: EP [ ] MP [X] PRODUCT CHEMISTRY REVIEW

DP BARCODE No.: 223395 REG./File Symbol No.: 1021-EAIE  
REGISTRATION [X] REREGISTRATION [ ] REREG CASE NO. \_\_\_\_\_  
PRODUCT NAME: Multicide Intermediate 2738  
COMPANY: McLaughlin Gormley King Company DATE: 02/04/96  
MRID NOS. 439216-07, -08 & -09

TO: 13 George LaRocca/Adam Heyward  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

FROM: Sami Malak, Chemist, 10/30/96 (308-8392) *Sami Malak*  
Product Chemistry Review Section  
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THRU: Harold Podall, Section Head *Harold Podall*  
Product Chemistry Review Section 10/30

**INTRODUCTION:**

This manufacturing-use product is formulated using three registered active ingredients, Multicide, Reg. No. 1021-1621; MKG 264, Reg. No. 1021-88; and Gokilaht Manufacturing-use product, Reg. No. 10308-10. McLaughlin Gormley King Company submitted a label, CSF a basic formulation dated 1/26/96 and product chemistry data pertaining to GRNs 61-2, 61-3, 62-3 & Series 63. GRN 62-1 is not required for non-integrated products. Finally, references were made to product's CSF for GRNs 61-1 & 61-2.

MRID #439216-08 dated 5/25/95 cited a GLC enforcement method for the determination of Gokilaht in technical material while MRID #439216-09 dated 5/25/95 cited an HPLC method for the determination of Gokilaht in technical material and formulations.

**FINDINGS:**

1. The submitted or referenced information pertaining to product chemistry data requirements for registration of this manufacturing-use product, Multicide Intermediate 2738, Reg. No. 1021-EAIE is adequate.
2. Product chemistry data requirements pertaining to Series 63, summarized in the table below, is adequate.
3. The submitted product's label EPA received 2/4/96, is acceptable.
4. The submitted product's CSF, a basic formulation dated 1/26/96 is unacceptable: The percentage by weight of each active ingredient must be cited in column 13(b) and the nominal concentration of each, consistent with the label claim, can be cited between parenthesis below the corresponding percentages

by weight: The percentage w/w of Gokilaht Manufacturing-Use product should be 14.04% based on chemical purity of 95% and that for MGK 264 Insecticide Synergist should be 14.39% based on chemical purity of 92.7%.

All ingredients are cleared for use in pesticide formulations.

#### **RECOMMENDATIONS:**

After resolving Finding 4 above, we will have no objections to register this manufacturing-use product, Multicide Intermediate 2738, Reg. No. 1021-RAIE.

#### **SUMMARY OF PRODUCT CHEMISTRY DATA REQUIREMENTS OF SERIES 63 PHYSICAL/CHEMICAL PROPERTIES. MRID No. 439216-07**

<b>GUIDELINE REFERENCE NO/TITLE</b>	<b>VALUE OR QUALITATIVE DESCRIPTION</b>
63-2 Color	<i>Hazy orange.</i>
63-3 Physical State	<i>Liquid.</i>
63-4 Odor	<i>Musty odor</i>
63-7 Density, Bulk Density, or Specific Gravity	<i>0.998</i>
63-12 pH	<i>7.4</i>
63-14 Oxidizing Or Reducing Action	<i>Does not contain oxidizing or reducing agents.</i>
63-15 Flammability/ Flame Extension	<i>195°F</i>
63-16 Explodability	<i>Does not contain any explosive materials</i>
63-17 Storage Stability	<i>NA</i>
63-18 Viscosity	<i>271.5 cps</i>
63-19 Miscibility (With hydrocarbon Solvents)	<i>Miscible in aromatic solvents and petroleum distillate and IPA. somewhat miscible in water.</i>
63-20 Corrosion Characteristics	<i>Non corrosive to the commercial containers.</i>
63-21 Dielectric Breakdown Voltage (EP only).	<i>NA</i>