

US EPA ARCHIVE DOCUMENT

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

OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

MAY 7 1992

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

SUBJECT: 2,4-Dichlorophenoxyacetic Acid: Toxicological Significance of the [redacted] Present in Technical 2,4-D Acid [Agrolinz Inc].

FROM: Jess Rowland, M.S., Toxicologist *Jess Rowland 4/28/92*
Section II, Toxicology Branch II
Health Effects Division (H7509C)

TO: W. Waldrop/ J.Coombs
Product Manager (71)
Reregistration Division

THRU: K.Clark Swentzel, Section Head *K. Clark Swentzel 5/5/92*
Section II, Toxicology Branch II
Health Effects Division (H7509C)
and
Marcia van Gemert, Ph.D., Chief *Marcia van Gemert 5/6/92*
Toxicology Branch II
Health Effects Division (H7509C)

PROJECT IDENTIFICATIONS: Submission No. S411142 Caswell No. 315

Registrant: Agrolinz Inc **HED Project No.** 2-1317

ACTION REQUESTED: Evaluate the toxicological significance of the level of [redacted] found in the technical 2,4-D Acid 425445-8 [Agrolinz, Inc]. Response to CBRS Memo from S.Funk to J.Coombs, RD, 01/28/92.

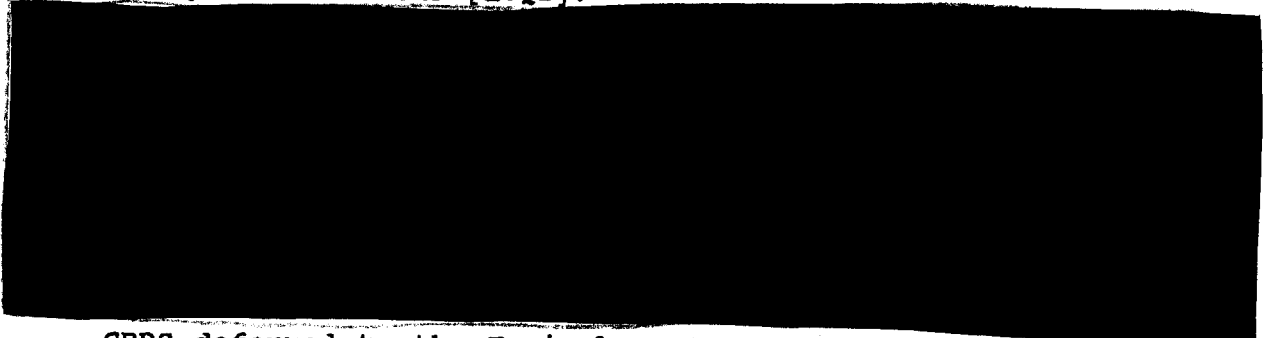
RESPONSE: [redacted]

Therefore, the Toxicology Branch II concludes that the level of [redacted] present in technical 2,4-D [42545-8] is of no toxicological concern at this time.

MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED

I. BACKGROUND

The registrant, Agrolinz Inc, in response to a 06/87 Data Call-In notice submitted analytical data for chlorinated dibenzo-p-dioxins [CDDs] and chlorinated dibenzofurans [CDFs] present in technical 2,4-D acid manufactured at St. Joseph, Mo. Seven samples of 2,4-D were collected, prepared, and analyzed. Each sample was prepared and analyzed in duplicate and in addition, three samples were spiked with all 15 target analytes at or below the Agency's Level of Quantifications [LOQs].



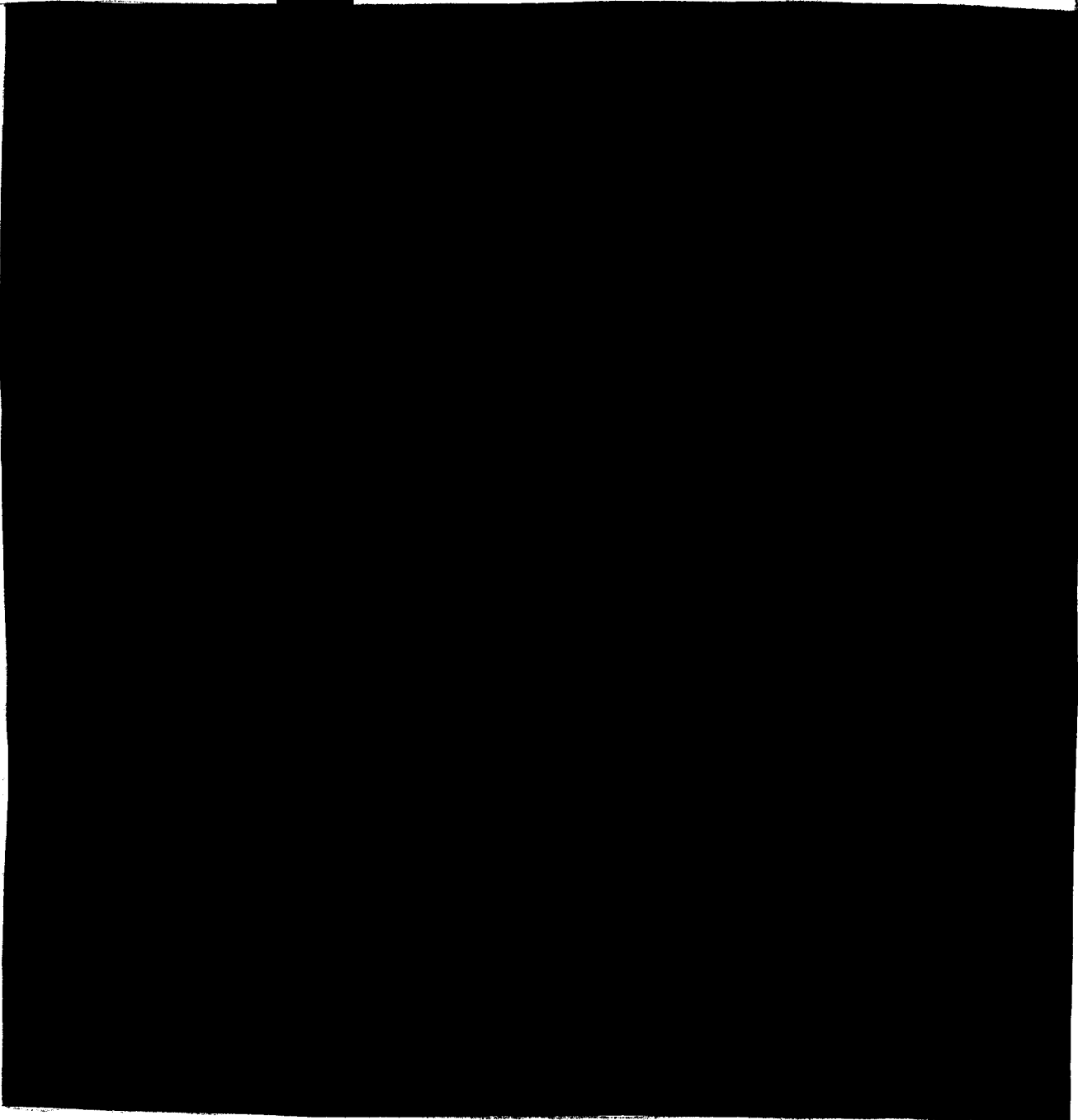
CBRS deferred to the Toxicology Branch on the toxicological significance of the level of [redacted] found in the technical product.

II. EVALUATION OF THE LEVEL OF [redacted]



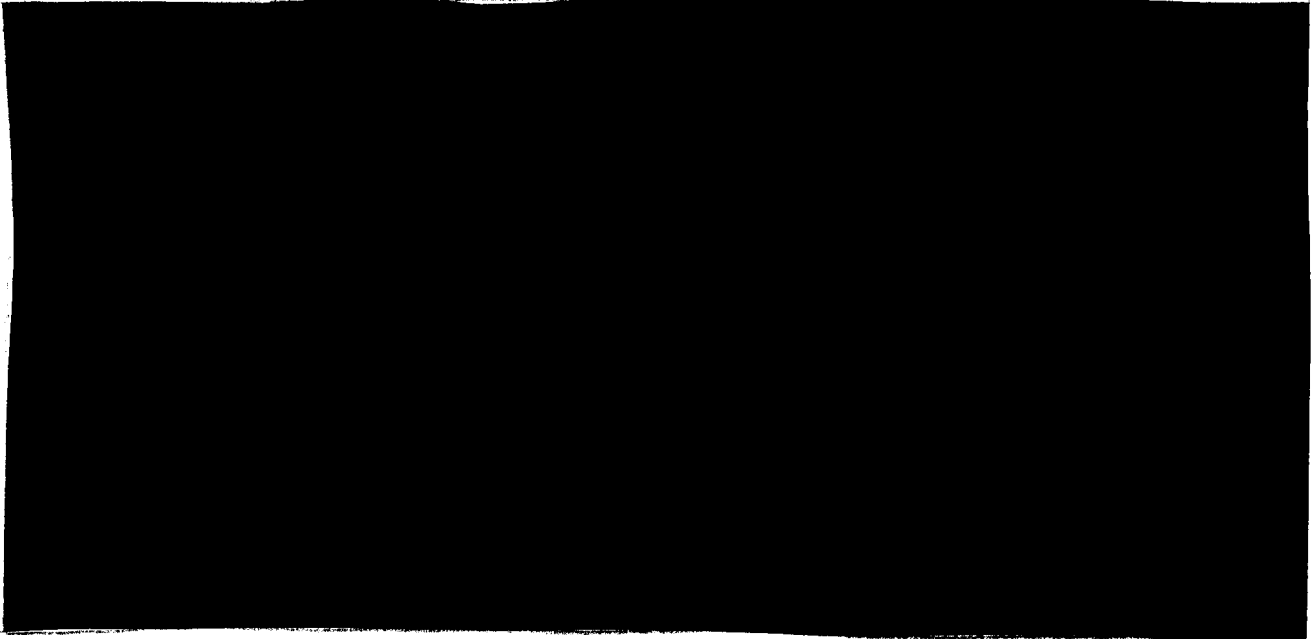
MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED

III. ANTICIPATED [REDACTED] RESIDUES FROM THE USE OF TECHNICAL 4254-8.

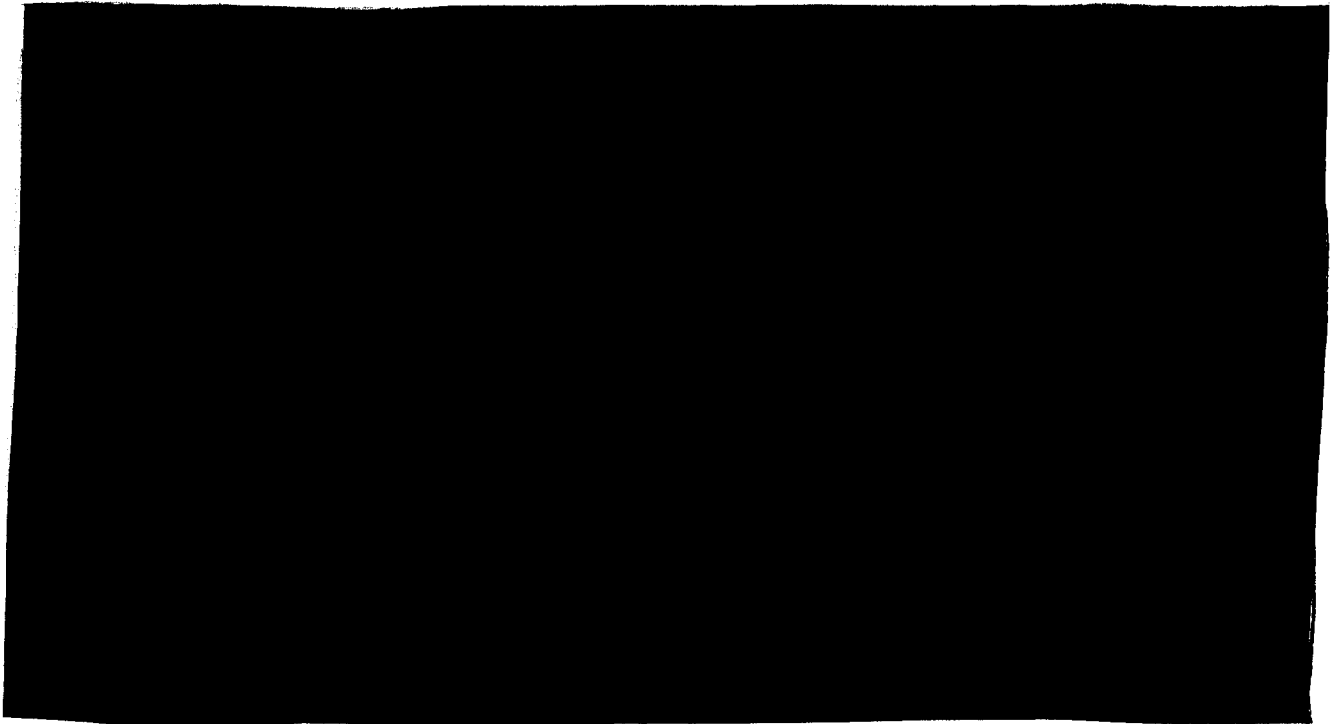


MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED

IV. ANTICIPATED [REDACTED] DIETARY EXPOSURE



V. RISK CHARACTERIZATION



MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED

VI. CONCLUSION



Therefore, the Toxicology Branch II concludes that the level of
[redacted] present in technical 2,4-D [42545-8] is of no
toxicological concern at this time.

MANUFACTURING PROCESS INFORMATION IS NOT INCLUDED



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6 of 6