

US EPA ARCHIVE DOCUMENT

8-24-2000

SUBJECT: PRODUCT CHEMISTRY REVIEW - Antimicrobials Division
DP Barcode D267990 - Reg. No. or File Symbol 1258-REGT
Manufacturing-Use [] or End-Use Product [] Case# _____

TO: Robert Brennus/Delores Williams
PM Team No. 32

FROM: Anna Skapars, Chemist Anna Skapars 08-24-2000
Chemistry-Toxicology Team (CTT)
Efficacy and Science Support Branch (ESSB)

THRU: Karen P. Hicks, CT Team Leader
Efficacy and Science Support Branch
Antimicrobials Division (7510C)

THRU: Michele E. Wingfield, Branch Chief
Efficacy and Science Support Branch
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This application is for registration of a new product for shock treatment and superchlorinator for swimming pools.

Submission includes product chemistry data in MRED No. 451684-01 and self certification statement and data matrix for physical and chemical properties, Confidential Statement of Formula and proposed label.

Findings
Confidential Statement of Formula dated 7-5-2000 is in compliance with 40 CFR part 158.175 it agrees with the label and CSF is acceptable.

Certified limits are in compliance with 40 CFR part 158.175 and they are acceptable.

Provided product chemistry data in MRED No. 451684-01 provides data for Guideline Series 830.1550 through 830.1800 and data matrix for Guideline Series 830.6302 through 830.7950.

These data are in compliance with 40 CFR part 158.155 through 158.190 and data is adequate and satisfy product chemistry data for this product.

PRODUCT CHEMISTRY REVIEW

END-USE PRODUCT MANUFACTURING-USE PRODUCT
EPA Reg. No. (or File Symbol No.) 1258-REGT

Registration

Reregistration

Case No.: _____

D267990

DP Barcode/Chemist: *Anna Skapars*

1) _____ 3)

2) _____ 4)

1. Product Name: *HTH Pool Shock*

2. Company: *Arch Chemicals, Inc.*

3. Type of Submission: New Resubmission Amendment
"ME-TOO" Alternate Formulation REPACK
Expt Use Permit Other (Specify) _____

4. CONFIDENTIAL STATEMENT OF FORMULA

4a. Type of formulation and source registration

• Non-integrated formulation system
• Are all TGAIs used registered • yes • no

• Integrated formulation system

• If "ME-TOO", specify EPA Reg. No. of existing product:

4b. Clearance of inerts for non-food or food use:
Cleared for food use under 40CFR§180.1001:

• yes • no . If yes: • c • d • e
Cleared for non-food use: • yes • no

4c. Physical state of product: *Granules*

4d. The chemical IDs, analytical information (including that for the TGAIs), density, pH, and flammability are consistent with that given in GRN 61, 62, and 63-7, 63-12, and 63-15, respectively. • yes • no

- 4e. Density (or bulk density for solids): at °C. *1g/ml*
- 4f. pH (if dissolved or dispersed in water): *8.5 (1% soln)*
- 4g. Flash point and/or flame extension: *N/A*
- 4h. NCs and CLs are acceptable: [] • not acceptable []
- 4i. Active ingredient(s) NC LCL UCL
- | | | | |
|--------------------------------|--------------|--------------|--------------|
| A. <i>Calcium Hypochlorite</i> | <i>47.6%</i> | <i>45.4%</i> | <i>49.7%</i> |
| B. | | | |
| C. | | | |
| D. | | | |
- 4j. For products produced by an integrated formulation system:
- All impurities of toxicological significance have an UCL: yes [] • no [] • not applicable []
 - All impurities $\geq 0.1\%$ in the product have been identified: yes [] • no [] • not applicable []

5. PRODUCT LABEL

- 5a. The active ingredients statement (chemical IDs and NCs) is consistent with the CSF: yes [] • no []
- 5b. The formulation contains one of the following:
- 10% or more of a petroleum distillate: yes [] • no []
 - 1% or more of methyl alcohol: yes [] • no []
 - sodium nitrite at any level: yes [] • no []
 - a toxic List 1 inert at any level: yes [] • no []
 - arsenic in any form: yes [] • no []
- 5c. If yes to any of the above, does the inert ingredients statement contain a footnote indicating this? yes [] • no [] • not applicable []
- 5d. The appropriate warning statement regarding flammability or explosive characteristics of the product are given on the label: yes [] • no [] • not applicable []

- 5e. The storage and disposal instructions for the pesticide and container are in compliance with PR Notice 84-1 for household use products or PR Notice 83-3 for all other uses: • yes [] • no []
- 6f. Does the product require an expiration date at which time the NC falls below the LCL (based on the one year storage stability data or other information):
 • yes [] • no []

6. PRODUCT CHEMISTRY (GRN 61, 62, 63)

6a. <u>Chemical IDs/Manufacture/Analytical Information</u>	<u>Accept of Information</u>	<u>MRID No.</u>
61-1 Chemical ID (see Appendix) ¹	A	CSF
61-2a Manufacturing Process ²	A	CSF
61-2b Formulation Method ³	A	451684-01
61-3 Discussion of Impurities ⁴	A	451684-01
62-1 Analysis ⁵	A	451684-01
62-2 Certified Limits ⁶	A	CSF
62-3 Analytical Method for AIs ⁷	A	451684-01

451684-01