

US EPA ARCHIVE DOCUMENT

6-15-1995

DATE OUT: _____

SUBJECT: PRODUCT CHEMISTRY REVIEW OF MP [] EP [X]
DP BARCODE No.: D216288REG./File Symbol No.: 64405-5
PRODUCT NAME: RTU Wood Preservative/Pesticide

DATE: June 15, 1995

TO: Robert Taylor, PM 25
Fungicide-Herbicide Branch
Registration Division(7505C)

FROM: Shyam B. Mathur, Ph.D., Chemist
Product Chemistry Review Section
Registration Support Branch/RD (7505W)

THRU: Harold Podall, Ph.D., Section Head
Product Chemistry Review Section
Registration Support Branch/RD(7505W)

S. Mathur
6-15-95

H. Podall
6/15/95

SUMMARY OF FINDINGS

1. 61-1 & 62-2: The basic formulation CSF(02-25-95) submitted for the product RTU Wood Preservative Pesticide needs upgrading. Please check total under column 17 of the CSF.
2. The Registrant did not submit data on Series 61-2 and 61-3. This is considered as data gap.
3. The data submitted for Series 62-1(Not applicable) and 62-3 satisfy the data requirements of 40CFR§158.170 and 158.180 respectively.
4. Since this end-use product has different composition, it is recommended that the Registrant generate new Product chemistry data on Series 63 [63-3, 7, 12, 14, 17, 18 and 20] and submit to the Agency for evaluation.
5. The product label is in compliance with PR Notice 91-2 and is Acceptable.

PRODUCT CHEMISTRY REVIEW OF MP [] EP [X]
DP BARCODE No.: D216288 REG./File Symbol No.: 64405-5
PRODUCT NAME: RTU Wood Preservative Pesticides
DATE: June 15, 1995

1. Reviewer: S.B.Mathur 2. Company: Nisus Corporation

3. Type of Submission: Registration [] Reregistration [X]
New [] Resubmission [] Amendment [] "ME-TOO" []
Alternate Formulation [] Experimental Use Permit []
Other (Specify) 8 MNTH RESP-PROD SPC DATA

4. If "Me-TOO" Registration, this product is [] is not []
similar or substantially similar to EPA's Reg. No.:

If not, comment in Confidential Appendix A on the differences
between the registered and the new source where significant.

CONFIDENTIAL STATEMENT OF FORMULA

5. Type of formulation and the sources of active ingredients:

- Non-integrated formulation system..... [X]
- Are all technical grade active ingredients used registered?
• yes [X] • no [], If no, specify _____
- Integrated formulation system..... []

6. Clearance of intentionally added ingredients in the
formulation for the intended use (indicate in the Confidential
Appendix those that are not cleared; the PC Codes should be
provided by the chemist on the CSF for those that are
cleared):

6(a) Formulation intended for food use under 40CFR§180.1001:
• yes [] • no [X] • Some are cleared, others are not []
Cleared under list: • c [] • d [] • e []
Are there any limitations for use as an inert under 40CFR§180.
1001?
• yes [] • no [], If yes, specify _____

6(b) Formulation intended for non-food use:
• yes [X] • no [] • Some are cleared, others are not []

6(c) Clearance by the FDA of certain formulations under 21CFR§170
to 199. Examples: (a) indirect food additives, such as food
contact surface sanitizers; adhesives, coatings, paper and
paperboard products that may contact food in packaging or
holding; and (b) substances generally recognized as safe
(GRAS).
• yes [] • no [] • Some are cleared, others are not []
If yes, the entire formulation is cleared under 21CFR§_____.

7. The density, pH, and flammability values given on the CSF are identical with those of GRN 63-7; 63-12, and 63-15, respectively:
 • yes [X] • no []

NOTE: No data was provided on Series 63 for this product.

8. The nominal concentrations (NC) of the active ingredients and the upper and lower certified limits (UCL & LCL) are as follows:

| Active ingredient(s) | | % by weight | | |
|--|---------|----------------|------|------|
| | | NC | UCL | LCL |
| Bora-Care Manufacturing Concentrate | 64405-3 | 21.25 (8.5) | 8.76 | 8.24 |
| Containing: Disodium octaborate tetrahydrate(40%) | | | | |

9. The calculated NCs, based on the pure active ingredients (PAI), are identical to those on the label:
 • yes [X] • no []
10. The certified limits are within the standard limits as per 40CFR§158.175 or are adequately explained if different:
 • yes [X] • no []

PRODUCT LABEL

11. The chemical names of the active ingredients on the label are identical to those on the CSF:
 • yes [X] • no []
12. The appropriate physical and chemical hazards statement regarding flammability or explosive characteristics of the product are given on the label:
 • yes [X] • no [] • not applicable []
13. 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 [X] • no []

PRODUCT CHEMISTRY DATA (SERIES 61, 62, 63)

| <u>14. Chemical IDs/Manufacture/ Analytical Information</u> | | <u>Data Required Fulfilled</u> | <u>MRID No.</u> |
|---|---|--|-----------------|
| 61-1 | Chemical Identity | Y | 435636-01 |
| 61-2 | Starting Materials & Manufact or Formulation Process | G | |
| 61-3 | Discussion of Impurities | G | |
| 62-1 | Preliminary Analysis | NA | |
| 62-2 | Certified Limits(CSF) | U | 02-25-95 |
| 62-3 | Enforcement Analytical Method | Y | 435636-02 |

| <u>15. Physical/Chemical</u> | <u>Pro per tie s</u> | <u>Data Required Fulfille d</u> | <u>Value or Qualitat. Descrip.</u> | <u>MRID No.</u> |
|------------------------------|----------------------------------|---|--|-----------------|
| 63-3 | Physical State | G | | |
| 63-7 | Density/Bulk Density | G | | |
| 63-12 | pH of Product | G | | |
| 63-14 | Oxid/Red Action | NA | | |
| 63-15a | Flammability-Flash Pt | NA | | |
| 63-15b | Flame Extension | NA | | |
| 63-16 | Explodability | NA | | |
| 63-17 | Storage Stability | G | | |
| 63-18 | Viscosity | G | | |
| 63-19 | Miscibility | NA | | |
| 63-20 | Corrosion charac. | G | | |
| 63-21 | Dielectric Breakdown Voltage | NA | | |

Explanations: Y = The Requirements Were Fulfilled; N = The Requirements Were Not Fulfilled; NA = Not Applicable; G = Data Gap; U = Requires Upgrading; I = Incomplete or In Progress; W = Waived.