


FyB PM21

45728-15

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|---|---|--------------------------|---------------------|-----------------------|--------------------------|------------------|-------------------------------------|--------------|
|  United States Environmental Protection Agency Washington, DC 20460 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;"><input type="checkbox"/></td> <td style="width:30%;">Registration</td> <td rowspan="3" style="width:40%; text-align: center; vertical-align: middle;">OPP Identifier Number</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Amendment</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Other</td> </tr> </table> | <input type="checkbox"/> | Registration | OPP Identifier Number | <input type="checkbox"/> | Amendment | <input checked="" type="checkbox"/> | Other |
| <input type="checkbox"/> | Registration | OPP Identifier Number | | | | | | |
| <input type="checkbox"/> | Amendment | | | | | | | |
| <input checked="" type="checkbox"/> | Other | | | | | | | |

Application for Pesticide - Section I

| | | |
|---|--|--|
| 1. Company/Product Number 45728 - 15 | 2. EPA Product Manager C. Welch | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) METAM CLR 32.7% Soil Fumigant | PM# Team 21 | |
| 5. Name and Address of Applicant (Include ZIP Code) UCB Chemicals Corporation 2000 Lake Park Drive Smyrna, GA 30080 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____ | |

Section - II

| | |
|--|--|
| <input type="checkbox"/> Amendment - Explain below. | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

NOTIFICATION

JUL 3 1996

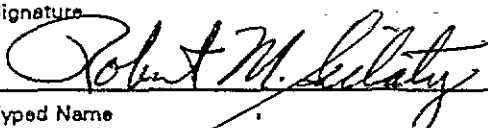
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Modification to Technical Information Bulletin required by California (See attached). Bulletin is referenced, but is not accompanying the product.

Section - III

| | | | | | |
|--|---|--|--|--|--|
| 1. Material This Product Will Be Packaged in: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____ | |
| * Certification must be submitted | | If "Yes" Unit Packaging wgt. No. per container | If "Yes" Package wgt No. per container | | |
| 3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container | | 5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product | |
| 6. Manner in Which Label is Affixed to Product | | | <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____ | | |

Section - IV

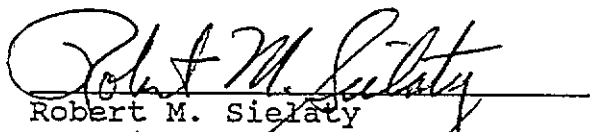
| | | |
|---|------------------------------------|--|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name ROBERT M. SIELATY | Title Company Representative | Telephone No. (Include Area Code) (703) 415-4600 |
| Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. | | 6. Date Application Received (Stamped) 23 |
| 2. Signature  | 3. Title Company Representative | |
| 4. Typed Name Robert M. Sielaty | 5. Date July 5, 1996 | |

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Notification of Revised California Technical Bulletin
for Metam Sodium

Per PR Notice 95-2

This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.



Robert M. Sielaty
Compliance Services International
2001 Jefferson Davis Highway
Suite 1010
Arlington, VA 22202

DATE: 7/5/96

(703) 415-4600

AGENT FOR UCB CHEMICALS CORPORATION

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7-23-96

Guidelines for All Application Methods for Metam-Sodium in California

Always observe the following requirements to minimize off-site movement of odors when applying metam-sodium. **THE MINIMIZATION OF OFF-SITE MOVEMENT IS THE RESPONSIBILITY OF THE APPLICATOR.** Where the requirements of this Technical Information Bulletin, the metam-sodium product label, and permit conditions differ, follow the most restrictive conditions.

GENERAL INSTRUCTIONS

CLOSED SYSTEM

All mixing and loading of metam-sodium must be through a closed system. For more information on closed systems requirements, consult your local Agricultural Commissioner's Office.

NOTICE OF INTENT

Notice of Intent must be filed with the County Agricultural Commissioner at least 24 hours prior to applying metam-sodium to any field.

NOTIFICATION
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SOIL CONDITIONS

With the exception of drip irrigation applications and flood irrigation applications, before applying, always cultivate thoroughly the area to be treated, breaking up clods and loosening soil deeply and thoroughly.

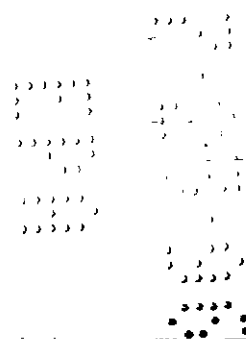
Prior to application, if the soil is dry, irrigate to moisten soil to desired depth of treatment. At time of application, soil moisture must be approximately 50-80% of field capacity. Pre-irrigation is strongly recommended if daytime temperatures exceed 90°F and when soil moisture is below 50-80% of field capacity.

For further application instruction, see pages 2 and 3.

FIELD MONITORING

For all applications, the applicator (Grower or Pest Control Operator (PCO)) shall monitor the application site and maintain a record of the following:

- A. Presence or absence of odors downwind of the application site.
- B. Air Temperature.
- C. Soil Temperature.
- D. Wind Conditions.



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Monitoring shall be conducted prior to, during, and at the completion of all metam-sodium applications. The Grower and/or the Grower's employees must continue to monitor overhead sprinkler applications after the application has ceased. Post-application monitoring must also be conducted for all other applications within 1500 feet of an occupied structure, as defined on page 4 of this document. Monitoring shall be done every 2-4 hours for a 12 hour period after application has ceased. Monitoring shall be done more frequently if conditions warrant. The post-application monitoring requirements may be modified or waived by the agricultural commissioner as a condition of the grower's permit in areas where odor complaints do not occur.

EQUIPMENT CLEANING

When equipment is flushed, apply diluted material within the treated field.

SPECIFIC INSTRUCTIONS

SOIL INJECTION METHOD - BROADCAST OR PRE-FORMED BEDS

NOTE: If the applicator encounters a situation where increasingly strong odors are occurring, the application must be stopped immediately. Additional soil capping or a water seal must be applied. Do not resume the application until the source of the problem is identified and corrected.

Do not apply metam-sodium when soil temperature exceeds 90°F at a depth of three inches.

Always seal the application immediately with a bed shaper, roller, press wheel, or similar device, or cover with an adequate amount of soil to prevent odor.

Injectors must be placed in the soil before product flow begins.

The applicator must shut off the equipment and wait for the product mixture to clear the lines before lifting injectors from the soil. Injectors must have check valves and must not leak when out of the ground.

SOIL COVERING (BED-OVER) OR ROTARY TILLER METHOD

NOTE: If the applicator encounters a situation where increasingly strong odors are occurring, the application must be stopped immediately. Additional soil capping or a water seal must be applied. Do not resume the application until the source of the problem is identified and corrected.

Do not apply metam-sodium when soil temperature exceeds 90°F at a depth of three inches.

Always seal the application immediately with a bed shaper, roller, press wheel, or similar device, or cover with an adequate amount of soil to prevent odor.

Spray or drip product mixture onto soil surface immediately ahead of bed-shaping equipment or tiller. Equipment must have check valves and must not leak when out of the ground. System must be operated at the lowest effective pressure. Lower pressures tend to produce large spray droplets which reduces potential off-site odors. Never use high pressure if metam-sodium is sprayed onto the soil surface such as in "Bed Over" or "Rotary Tiller" method of application.

OVERHEAD SPRINKLER IRRIGATION METHOD

NOTE: If the applicator encounters a situation where increasingly strong odors are occurring, stop the application and apply a pure WATER SEAL to confine odors to the soil. Do not restart application until conditions no longer favor odor formation.

Do not apply metam-sodium when soil temperature exceeds 90°F at a depth of three inches.

Do not apply when air temperature is expected to exceed 90°F during the application.

Do not apply metam-sodium if wind speed exceeds 7 mph or if conditions of thermal inversion exist at or near the ground.

Sprinkler irrigation applications are prohibited within 500 feet of an occupied structure (defined below). Application between 500 feet and 1/2 mile of an occupied structure are allowed only if the following conditions can be met:

- A. During periods when daytime air temperature exceeds 90°F, all applications must be performed during the coolest portions of the 24-hour period. Consult your County Agricultural Commissioner for details.
- B. During application, the irrigation system shall be operated at the lowest possible pressure.
- C. A water seal shall be applied immediately after the application.
- D. A second water seal shall be applied by the next day, before the soil surface becomes dry.

If any of the above mitigation measures cannot be met, then all sprinkler irrigation applications are prohibited within 1/2 mile of an occupied structure.

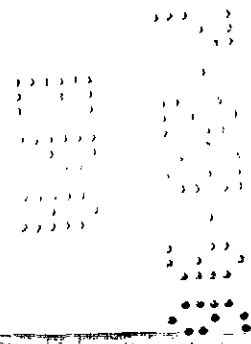
An occupied structure is defined as a building that may be occupied for any or all parts of a 24-hour period. This includes, but is not limited to, homes, hospitals, convalescent homes, schools, hotels, labor camps, prisons, apartment complexes, and office buildings. This does not include

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buildings where people may work for limited periods of time, such as barns, equipment sheds, pump houses, and workshops.

Homes occupied by the property owner (landlord) and the permittee (grower and/or authorized representative) are exempt from this requirement.

June 1996



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METAM-SODIUM FUMIGATION SUMMARY

| | Wind Speed | Wind Direction | Air Temperature |
|--------------------------|------------|----------------|-----------------|
| Beginning of Application | _____ | _____ | _____ |
| Middle of Application | _____ | _____ | _____ |
| End of Application | _____ | _____ | _____ |

POST APPLICATION CHECK

| Time | Observation |
|-----------|-------------|
| 2.0 hrs. | _____ |
| 4.0 hrs. | _____ |
| 8.0 hrs. | _____ |
| 12.0 hrs. | _____ |

Date: _____ Signature: _____

