



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

March 31, 1997

Mr. W. F. "Rusty" Millar, Manager, Regulatory Affairs
AMVAC Chemical Corporation
4100 East Washington Boulevard
Los Angeles, CA 90023 U.S.A.

RE: Metam.Sodium 42% Technical (EPA Reg. No. 5481-421)
H. R. McLane, Inc. submission dated December 20, 1996

Dear Mr. Millar:

The Agency has completed its review of your labeling revised in response the September 16, 1996 Agency letter to you. It is accepted with the following comments: The effluent discharge statement under Environmental Hazards should be updated. Refer to PR Notice 95-1.

A photocopy of the proposed labeling stamped "Accepted with Comments" is being enclosed for your records, and an additional copy is being included in the regulatory file jacket for the product.

If you have any questions or concerns, please call me at (703) 305-6226, or Killian Swift of my staff at (703) 305-5542.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Connie B. Welch".

Connie B. Welch,
Product Manager 21
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

BEST AVAILABLE COPY

METAM SODIUM 42% Technical

For the Formulation of End-Use Products

- For uses as Fumigant for the Control of Weeds, Fungi and Nematodes in Soil of Ornamentals, Turfgrasses, Food and Fiber Crops.
- For use as Fumigant Solutions for the Control of Decay and Insects in Wood.
- For use as Anti-microbial Agents and to Control Roots and Fungi in Sewers.

ACTIVE INGREDIENT:

Sodium methylthiocarbamate - - - 42%

INERT INGREDIENTS: - - - 58%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

STATEMENT OF PRACTICAL TREATMENT

Immediately start the procedures below and contact (H.I.S.) or a Poison Control Center, a physician or the nearest hospital. Describe the type and extent of exposure, the victim's symptoms, and follow the advice given. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention. **IF SWALLOWED:** Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Do not induce vomiting. **IF INHALED:** Remove to fresh air. If not breathing, give artificial respiration preferably mouth to mouth. Get medical attention. **IF IN EYES:** Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IMPORTANT

Labeling for products formulated for applications around homes and other structures which people inhabit or otherwise occupy must include appropriate wording for "Restricted Use Pesticides" and will include small-area applications such as, non-field application (including greenhouse) to seed bed, plants beds, lawns and other limited areas.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5481-421 EPA EST. NO. 5481-CA.1

NET CONTENTS Approx.	4,200 Gallons Tank Container
	55 GALLONS
	80 Ton (Bulk Rail Car)

AMVAC CHEMICAL CORPORATION

4100 EAST WASHINGTON BLVD. - LOS ANGELES, CA 90023 U.S.A.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive, causes skin burns. May be fatal if absorbed through the skin. Harmful if swallowed or inhaled. Causes moderate eye irritation. Do not get in eyes, on skin or on clothing. Wear protective clothing and rubber gloves. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public water unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewer treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

DIRECTIONS FOR USE

If in violation of Federal law to use this product in a manner inconsistent with its labeling. Dilute this product with water or a miscible solvent system to the concentration of active ingredient specified on the label of currently EPA registered end-use products containing metam sodium, such as the following types of products:

- For uses as Fumigant for the Control of Weeds, Fungi and Nematodes in Soil of Ornamentals, Turf, Food and Fiber Crops.
- For use as Fumigant Solutions for the Control of Decay and Insects in Wood.
- For use as Anti-microbial Agents
- Root & Fungi Control in Sewers
- Each formulator is responsible for obtaining and maintaining EPA registration for his formulated product(s).

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container. Do not store under conditions which might adversely affect the container or its ability to function properly. **STORAGE:** Do not store below 0 degrees F. Product crystallizes at lower temperatures. Warm or store at higher temperatures and mix to redissolve crystals and assure uniformity before use. Store in a safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce product stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: (METAL) Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. **(PLASTIC)** Triple rinse or equivalent. Puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities by burning. If burned stay out of smoke.

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following: **LIMITED WARRANTY:**

AMVAC warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, warnings, cautions, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants, in all states, or under all application, weather and crop conditions.

There are no express warranties other than those set forth herein. Amvac neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Amvac expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance.

This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions.

User's exclusive remedy and Amvac's or seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise shall be limited, at Amvac's option, to replacement of, or repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall Amvac or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product. (5481-421.pms/11-27-95)

FOR THE FOLLOWING EMERGENCIES,
PHONE 24 HOURS A DAY
TRANSPORTATION: CHEMTREC 1-800-424-9300
MEDICAL: HAZARD INFORMATION SERVICES
(H.I.S.) 1-800-228-5635 Ext. 169

ACCEPTED FOR REGISTRATION
COMMENTS
Leave Blank
5481-421-95
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the registration of this product.