



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg.

Number:

4091-13

Date of

Issuance:

AUG 29 2007

Term of Issuance:

Conditional

Name of Pesticide Product:

Marquat-72 MUP

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

W.M. Barr & Co.  
2105 Channel Avenue  
Memphis, TN 38113

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(a) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling change listed below before you release the product for shipment:

Revise the EPA Registration Number to read, "EPA Reg. No 4091-13".

Signature of Approving Official:

*Verna Noble*  
Verna Noble

Product Manager Team-31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

AUG 29 2007

CONCURRENCES

SYMBOL	EPA Form 8570-6						
SURNAME	<i>Jones</i>						
DATE	<i>8/29/07</i>						

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**CHEMISTRY**

1. The Product Chemistry Reviewer has received the following documents: A letter, dated 4/20/07. MRID #471216-00, Data matrix, dated 12/23/06. EPA Form 8570-35. A label, dated 1/17/05 pin punch. Confidential statement of Formula (CSF), dated 12/15/06 for the basic formulation. Study titled "Product Identity And Composition." Volume 2, MRID #471216-01.
2. The CSF, dated 12/15/06 for the basic formulation is obsolete. The CSF has been updated as of 3/27/07.
3. It was indicated that the 830.1650 is not applicable because the product is a MUP. However, in conversation with you, it was understood this guideline have to be conducted. The document you submitted meets the guideline as of 8/8/07.
4. The 830.1650 guideline is acceptable.

**GENERAL COMMENTS**

A Stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble  
Product Manager 31  
Regulatory Branch I  
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

# MARQUAT-72 MUP

A Silane Quaternary Ammonium Salt  
For Use in Producing EPA Registered Pesticide Products

**Active Ingredient**

3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride.....	72%
Other Ingredient.....	28%
<b>Total</b> .....	100%

Contains greater than 12% Methanol.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER! ☠ POISON (Will appear in RED)**

<b>FIRST AID</b>	
Have product container or label with you when calling a poison control center or doctor or going for treatment.	
If in eyes	<ul style="list-style-type: none"> <li>- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>- Call a poison control center or doctor immediately for treatment advice.</li> <li>- Have person sip a glass of water if able to swallow.</li> <li>- Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>- Do not give anything to an unconscious person.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>- Move person to fresh air</li> <li>- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>- Take off contaminated clothing.</li> <li>- Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
<b>Note to Physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

**AUG 29 2007**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **4091-13**

EPA Reg. No. 4091-

EPA Est. No.

**W.M. Barr and Company, Inc.**  
**PO Box 1879**  
**Memphis, TN 38101**

Net Contents:

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS.**

**DANGER! Corrosive:** Causes irreversible eye damage. Methanol causes blindness. May be fatal if inhaled. Causes skin irritation. May be harmful if swallowed or absorbed through the skin. Do not breathe vapor. Do not get in eyes, on skin, or on clothing. Wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/ NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/ NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter. Also wear protective eyewear, rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

**Flammable.** Keep away from heat and open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**For Industrial Use Only:** This product is registered for formulation into Antimicrobial Products or as a microbiostatic agent for material preservation; neither this product nor the articles treated with this product may state or imply any public health claims. Articles or substances treated with this product will be exempt from FIFRA regulation pursuant to 40 CFR 152.25(a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself.

This product may be applied to or incorporated into the products or materials listed below at the point of manufacture. These items may then be used in industrial, institutional, commercial or residential locations for non-food contact uses.

Approved Uses:

- Air Filters for furnaces: air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filter/materials, aquarium filter material
- Apparel including outdoor, sportswear and sleepwear
- Automotive and vehicular parts
- Bed sheets, pillow covers, blankets, and bedspreads
- Book covers and pictures
- Buffer pads (abrasive and polishing)
- Building materials and components: siding, insulation and non-food contact cabinetry, wallboard, wood and wood components: interior structural wood as defined as only wood needed for basic building structures as found in the dried-in stage of construction, wood in dried contact with foundations, interior and exterior wall sill plates, wood studs, wood or cellulosic sheathing, floor joists and sub-flooring. Not to be used in association with in-ground contact applications, landscape timbers, docks, boardwalks, decking, and deck furniture or other dimensional lumber.
- Carpets, carpet underlay, mats and throw rugs
- Ceiling tiles
- Ceramic, ceramic tiles, porcelain, stone and marble
- Concrete products
- Concrete additive for sewer pipes, manholes and concrete sewer structures (not to be used in treatment of storm drains)
- Concrete additive for repair and renewal of sewer pipes, manholes and concrete sewer structures (not to be used in treatment of storm drains)
- Curtains and draperies
- Fabrics (natural and synthetic, woven and non-woven) leather (natural and synthetic)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool

- Fiberglass ductboard for air handling systems
- Fire hose fabric
- Floor coverings and flooring
- For use in formulating products used in residential kitchens and bathrooms on the following hard, non-porous surfaces to impart bacteriostatic/fungistatic activity: Tubs, glazed tile, vanity tops, shower curtains, shower stalls, sinks, washable walls, floors, window sills, cabinets, exterior of refrigerators, exterior surfaces of appliances and garbage cans.
- Furniture
- General purpose (non-food contact) containers
- Glass-formed and sheet
- Hardware for kitchen and bathrooms (non-food contact)
- Humidifier belts and non-food contact conveyor belts
- Mattress pads, filling and ticking
- Men's underwear and outerwear
- Metals-chrome, stainless steel and aluminum
- For use in paints and coatings as an in can preservative for protection of paint film and coating film. For incorporating into latex indoor/outdoor paints and stains, wood stains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes: alkyd, urethane, enamel, epoxy siloxaline, amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl ester and polyester coatings, aliphatic coatings, vinyl ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof. (Any claims for paint use must be for preservation of the paint in the can.)
- Non-woven disposable diapers
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Plumbing supplies and fixtures

- Polyurethane and cellulose foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissues wipes (these do not impart pesticidal properties)
- Roofing materials-defined as tiles, shingles, roofing granules, wood shakes, felt, underlayment, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, ropes and other outdoor equipment
- Athletic and casual shoes, shoe insoles
- Sports equipment and athletic gear
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas and awnings
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Wall covering fabrics vinyl paper-wallpaper for non-food contact surfaces
- Wiping cloths, disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery and intimate apparel

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original closed containers in a secure area inaccessible to children and away from food or feed.

**Pesticide Disposal:** Pesticide is acutely hazardous. 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 the 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:** *[Choose which is applicable]*

*[Plastic]* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

*[Metal]* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

*[Glass]* Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

**WARRANTY STATEMENT:** W.M. Barr warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on such label.