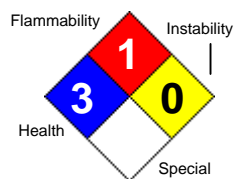


MATERIAL SAFETY DATA SHEET

Oxy Mold MX-501

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Printed: 04/22/2009
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Supersedes Revision: 12/11/2008
Date Created: 11/25/2008

1. Product and Company Identification

Product Code: MX-501
Product Name: Oxy Mold MX-501
Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Synonyms
QOM30102, GOM30101, COM30104

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. No hazardous ingredients at 1.0% or greater.	NA	No Data.	No data.	No data.
2. Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	< 1.0 %	No data.	No data.
3. Quaternary ammonium compounds, C12-14-alkyl.((ethylphenyl)m	85409-23-0	< 1.0 %	No data.	No data.

3. Hazards Identification

Emergency Overview

Clear, colorless to straw colored liquid.

May cause irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic)

Skin:

Causes irritation and/or corrosive burns. Brief exposures may cause irritation and defatting of the skin.

Eyes:

Causes irritation and/or burns and may result in permanent injury to eyes including blindness.

Inhalation:

Mists and vapors can irritate the throat and respiratory tract. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, drowsiness and death.

Ingestion:

Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea, and death.

Chronic: None known

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Signs and Symptoms Of Exposure

See Potential Health Effects.

Medical Conditions Generally Aggravated By Exposure

None known.

4. First Aid Measures

Emergency and First Aid Procedures

Eyes:

Immediately flush eyes with water for 15-20 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.

Skin or Clothing:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation:

If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Ingestion:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician

Probable mucosal damage may contraindicate the use of gastric lavage.

5. Fire Fighting Measures

Flash Pt: > 200.00 F Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Fire Fighting Instructions

Firefighters should wear full protective clothing including self-contained breathing apparatus. Cool fire exposed containers with spray.

Flammable Properties and Hazards

No data available.

Hazardous Combustion Products

Irritating and toxic gases or fumes may be released during a fire.

Extinguishing Media

Dry chemical, foam, carbon dioxide or water fog. Solid water streams may spread burning liquid.

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas where vapors may accumulate.

Spill Cleanup:

Ventilate closed spaces before entering. All equipment used when handling the product must be grounded. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material.

Large Spills:

Dike far ahead of liquid spill for later disposal. Water spray may reduce vapor but will increase foaming. Water may not prevent ignition in closed spaces.

7. Handling and Storage

Precautions To Be Taken in Handling

Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Precautions To Be Taken in Storing

Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing. Do not handle or store near an open flame, heat or other sources of ignition. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

If exposure limits are exceeded or if irritation is experienced, a NIOSH/MSHA approved respiratory with an organic-vapor removing cartridge with a prefilter approved for pesticides should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

Eye Protection

Wear chemical goggles. Use a face shield if splashing is possible.

Protective Gloves

Use impervious gloves (rubber or neoprene). Wear suitable protective clothing.

Other Protective Clothing

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.)

Provide adequate local exhaust ventilation (explosion proof) to maintain worker exposure below exposure limits.

Work/Hygienic/Maintenance Practices

Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

Eye wash fountain and emergency showers are recommended.

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9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Melting Point: No data.
Boiling Point: No data.
Autoignition Pt: No data.
Flash Pt: > 200.00 F Method Used: Pensky-Marten Closed Cup
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 1.008
Density: 8.41 LB/GL
Bulk density: No data.
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Evaporation Rate (vs Butyl Acetate=1): No data.
Solubility in Water: No data.
Percent Volatile: No data.
Heat Value: No data.
Particle Size: No data.
Corrosion Rate: No data.
pH: 9 - 11

Appearance and Odor

Clear, colorless to straw colored liquid with benzaldehyde (organic) odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Keep away from strong oxidizing agents.

Incompatibility - Materials To Avoid

Keep away from strong oxidizing agents (may result in a fire), and reducing agents.

Hazardous Decomposition Or Byproducts

Carbon monoxide, carbon dioxide and toxic chloride vapors.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

No data available.

11. Toxicological Information

Acute Oral LD50 > 5 g/kg

Acute Dermal LD50 > 2 g/kg

Primary Skin Corrosive III

Primary Eye Corrosive II

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. No hazardous ingredients at 1.0% or greater.	NA	n.a.	n.a.	n.a.	n.a.
2. Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	n.a.	n.a.	n.a.	n.a.
3. Quaternary ammonium compounds, C12-14-alkyl. (ethylphenyl)m	85409-23-0	n.a.	n.a.	n.a.	n.a.

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12. Ecological Information

Very toxic to aquatic organisms. Information available upon request. Please contact Mason Chemical Company Technical Service Department.

This product is biodegradable.

13. Disposal Considerations

Waste Disposal Method

Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name

Not regulated.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. No hazardous ingredients at 1.0% or greater.	NA	No	No	No	
2. Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	No	No	No	
3. Quaternary ammonium compounds, C12-14-alkyl.((ethylphenyl)m	85409-23-0	No	No	No	

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. No hazardous ingredients at 1.0% or greater.	NA	No		No	
2. Quaternary ammonium compounds,benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	No		Inventory	
3. Quaternary ammonium compounds, C12-14-alkyl.((ethylphenyl)m	85409-23-0	No		No	

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec.302:	EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
Sec.304:	EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
Sec.313:	EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
Sec.110:	EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

Inventory:	Chemical Listed in the TSCA Inventory.
5A(2):	Chemical Subject to Significant New Rules (SNURS)

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6A:	Commercial Chemical Control Rules
8A:	Toxic Substances Subject To Information Rules on Production
8A CAIR:	Comprehensive Assessment Information Rules - (CAIR)
8A PAIR:	Preliminary Assessment Information Rules - (PAIR)
8C:	Records of Allegations of Significant Adverse Reactions
8D:	Health and Safety Data Reporting Rules
8D TERM:	Health and Safety Data Reporting Rule Terminations
12(b):	Notice of Export

Other Important Lists:

CWA NPDES:	EPA Clean Water Act NPDES Permit Chemical
CAA HAP:	EPA Clean Air Act Hazardous Air Pollutant
CAA ODC:	EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
CA PROP 65:	California Proposition 65

International Regulatory Lists:

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

☒ Yes ☐ No Acute (immediate) Health Hazard
☐ Yes ☒ No Chronic (delayed) Health Hazard
☒ Yes ☐ No Fire Hazard
☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

Regulatory Information

EPA Number: 10324-167-4091

TSCA Status

While all ingredients are listed on the TSCA Chemical Inventory, this product is regulated as a pesticide under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) and not subject to the TSCA Inventory rules for FIFRA uses.

Other Chemical Inventories

All components of this product are listed on the following inventories: Australia, Canada (DSL), European Union, China, and Philippines. One or more ingredients not found on inventories of Japan and Korea.

State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

Chemical Name	State List
Benzyl Chloride (trace < 10 ppm)	AZ, CA, CAP65C, CT, FL, ID, MA, MN, NJ, PA, RI
Ethanol < 1%	AZ, CA, CT, FL, ID, MA, MN, NJ, PA, RI

AZ - Arizona Ambient Air Quality Guidelines

CT - Connecticut Hazardous Air Pollutants

CA - California Director's List of Hazardous Substances

CAP65C - California Prop 65 Carcinogen

FL - Florida Substances List

ID - Idaho Non-carcinogen Toxic Air Pollutants

IL - Illinois Toxic Air Contaminant - Carcinogenic

MA - Massachusetts Right to Know List

MN - Minnesota Hazardous Substances List

NJ - New Jersey Right to Know List

PA - Pennsylvania Right to Know List

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RI - Rhode Island Hazardous Substances List

WHMIS Classification: B3, E. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. Other Information

No data available.