



Safety Data Sheet

Material Name: MP200-A

SDS ID: 258-KPC

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

MP200-A

Other Means of identification

EPA Reg. No. 3008-101

Product Use

Micronized copper azole preservative concentrate used for pressure treatment of wood.

Restrictions on Use

Use according to FIFRA label.

Details of the supplier of the safety data sheet

Koppers Performance Chemicals Inc.

1016 Everree Inn Rd.

Griffin, GA 30224

Phone: 770-233-4200

Emergency Phone #: CHEMTREC 1-800-424-9300

E-mail: KPCmgrsds@koppers.com

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Reproductive Toxicity - Category 2

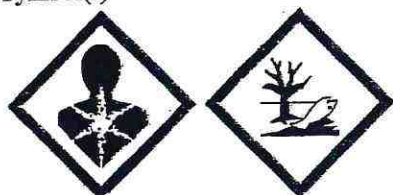
Specific Target Organ Toxicity - Repeated Exposure - Category 2 (eyes)

Hazardous to the Aquatic Environment - Acute - Category 1

Hazardous to the Aquatic Environment - Chronic - Category 1

GHS Label Elements

Symbol(s)



Signal Word

Warning

Hazard Statement(s)

Suspected of damaging fertility or the unborn child.

May cause damage to organs (eyes) through prolonged or repeated exposure.

Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

Prevention

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

Do not breathe dust/fume/gas/mist/vapors/spray.

Avoid release to the environment.



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Response

Collect spillage.

If exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Storage

None needed according to classification criteria.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| CAS | Component Name | Percent |
|-------------|-------------------------|---------|
| 12069-69-1 | Basic copper carbonate* | 55-60 |
| 107534-96-3 | Tebuconazole | 1-2 |

* Copper oxide equivalent 41.70%; Copper metallic Equivalent to 33.31 %.

The chemical identity and/or percentage of composition is being withheld as a trade secret. Components not listed are non-hazardous or below reportable limits.

Section 4 - FIRST AID MEASURES

Inhalation

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

Skin

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.

Eyes

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 eye. Call a poison control center or doctor for 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most Important Symptoms/Effects

Acute

No information on significant adverse effects.

Delayed

Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed

General information: Have the product container or label with you when calling a poison control center or doctor or going for treatment.



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Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, regular dry chemical, foam, water spray

Unsuitable Extinguishing Media

Do not scatter spilled material with high-pressure water streams.

Special Hazards Arising from the Chemical

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

Hazardous Combustion Products

Oxides of carbon, nitrogen oxides

Advice for firefighters

Containers may rupture or explode if exposed to heat.

Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with flooding quantities of water until well after fire is out. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Special Protective Equipment and Precautions for Firefighters

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Reduce vapors with water spray. Do not touch spilled material. Stop leak if possible without personal risk. Wipe up with absorbent material (e.g. cloth, fleece). Collect spilled material in appropriate container for disposal. Clean contaminated surface thoroughly. Never return spills in original containers for re-use. Do not contaminate water, food, or feed by storage or disposal. There may be specific regulatory reporting requirements associated with spills, leaks, or releases of this product.

Environmental Precautions

Avoid release to the environment. Collect spillage.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin, or on clothing. Wear protective eyewear such as glasses, face shield, or safety glasses. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves. 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.

Conditions for Safe Storage, Including any Incompatibilities

Store and handle in accordance with all current regulations and standards. Store in original tightly closed container in a cool, dry, well-ventilated place. Keep separated from incompatible substances. Keep out of direct sunlight, and away from heat, water, and incompatible materials. Protect from freezing.

Incompatible Materials

Strong acids, reducing agents.



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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

| | |
|------------|---|
| Copper | 7440-50-8 |
| ACGIH: | 0.2 mg/m ³ TWA fume, 1.0 mg/m ³ TLV dust/mist |
| NIOSH: | 1 mg/m ³ TWA dust and mist; 0.1 mg/m ³ TWA fume |
| | 100 mg/m ³ IDLH dust, fume and mist |
| OSHA (US): | 0.1 mg/m ³ TWA fume; 1 mg/m ³ TWA dust and mist |
| Mexico: | 0.2 mg/m ³ TWA [VLE-PPT] fume; 1 mg/m ³ TWA [VLE-PPT] dust and mist |

ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

Engineering Controls

As necessary to comply with applicable exposure limits, provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits. Provide easy access to water supply and eye wash facilities.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear protective eyewear such as glasses, face shield, or safety glasses.

Skin Protection

Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

Respiratory Protection

If the applicable TLVs and/or PELs are exceeded, use NIOSH-approved respirators. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known, or any other circumstance where air-purifying respirators may not provide adequate protection.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|-------------------|---------------------------|--------------------|
| Appearance | Blue-green liquid | Physical State | Liquid |
| Odor | Latex | Color | Blue-green |
| Odor Threshold | Not available | pH | 8.5 - 9.5 |
| Melting Point | Not available | Boiling Point | Not available |
| Boiling Point Range | Not available | Freezing point | 32°F (0°C) approx. |
| Evaporation Rate | Not available | Flammability (solid, gas) | Not available |
| Autoignition Temperature | Not available | Flash Point | >200°F |



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| | | | |
|-----------------------|---------------|--|--------------------|
| Lower Explosive Limit | Not available | Decomposition temperature | Not available |
| Upper Explosive Limit | Not available | Vapor Pressure | Not available |
| Vapor Density (air=1) | Not available | Specific Gravity (water=1) | 1.7 - 1.85 |
| Water Solubility | Soluble | Partition coefficient: n-octanol/water | Not available |
| Viscosity | 0 - 500 cPs | Kinematic viscosity | Not available |
| Solubility (Other) | Not available | Bulk Density | 14.4 - 15.4 lb/gal |

Section 10 - STABILITY AND REACTIVITY

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability

Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions

Will not polymerize.

Conditions to Avoid

Extreme temperatures. Protect from freezing. Contact with incompatible materials.

Incompatible Materials

Strong acids, reducing agents.

Hazardous decomposition products

Carbon oxides, nitrogen oxides.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

No information on significant adverse effects.

Skin Contact

Not expected to be a skin irritant.

Eye Contact

May cause mild eye irritation.

Ingestion

No information on significant adverse effects.

Acute and Chronic Toxicity

Product Toxicity Data

Product Analysis LD/LC 50 Toxicity Values

| | |
|------------------|---------------------|
| Oral LD50: | Rat >2000 mg/kg |
| Dermal LD50: | Rat >2000 mg/kg |
| Inhalation LC50: | Rat >2.05 mg/l 4 hr |

Immediate Effects

No information on significant adverse effects.



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Delayed Effects

Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Irritation/Corrosivity Data

Not irritating to the skin. Draize test. Mildly irritating to the eyes. Draize test.

Respiratory Sensitization

No information on significant adverse effects.

Dermal Sensitization

This material is not considered to be a skin sensitizer. Buehler Method.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, or OSHA.

Germ Cell Mutagenicity

No information on significant adverse effects.

Tumorigenic Data

No data available.

Reproductive Toxicity

Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure

Eyes

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

None known.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects. This product is toxic to fish and aquatic invertebrates. Do not contaminate water by cleaning of equipment or disposal of wash waters. 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.

Component Analysis - Aquatic Toxicity

| | |
|---------------|--|
| Copper | 7440-50-8 |
| Fish: | LC50 96 h Pimephales promelas 0.0068 - 0.0156 mg/L; LC50 96 h Pimephales promelas <0.3 mg/L [static]; LC50 96 h Pimephales promelas 0.2 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 0.052 mg/L [flow-through]; LC50 96 h Lepomis macrochirus 1.25 mg/L [static]; LC50 96 h Cyprinus carpio 0.3 mg/L [semi-static]; LC50 96 h Cyprinus carpio 0.8 mg/L [static]; LC50 96 h Poecilia reticulata 0.112 mg/L [flow-through] |
| Algae: | EC50 72 h Pseudokirchneriella subcapitata 0.0426 - 0.0535 mg/L [static] EPA; EC50 96 h Pseudokirchneriella subcapitata 0.031 - 0.054 mg/L [static] EPA |
| Invertebrate: | EC50 48 h Daphnia magna 0.03 mg/L [static] EPA |



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| | |
|------------------------|---|
| Tebuconazole | 107534-96-3 |
| Fish: | LC50 6.4 mg/l Exposure time: 96 h |
| Algæ: | EC50: 2.09-3.01 mg/l Exposure time: 72 h |
| | EC50: 1.45 mg/l Exposure time: 96 h |
| Aquatic Invertebrates: | EC50 (Crustacea) 2.1-3.94 mg/l Exposure time: 48 h |
| | NOEC (Crustacea): 0.008-0.009 mg/l Exposure time: 504 h |

Persistence and Degradability

Tebuconazole (107534-96-3)

Water/Soil: HIGH

Air: HIGH

Bioaccumulative Potential

Tebuconazole (107534-96-3)

HIGH: (Log KOW = 5.4673)

Mobility

No data available.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with all applicable regulations. Refer to the pesticide label for full information on disposal. If this product 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. Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

Section 14 - TRANSPORT INFORMATION

IATA Information:

Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (Contains: Tebuconazole, Basic Copper Carbonate)

Hazard Class: 9

UN#: UN3082

Packing Group: III

Required Label(s): 9

Marine pollutant

ICAO Information:

Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (Contains: Tebuconazole, Basic Copper Carbonate)

Hazard Class: 9



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UN#: UN3082
Packing Group: III
Required Label(s): 9
Marine pollutant

IMDG Information:

Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (Contains: Tebuconazole, Basic Copper Carbonate)

Hazard Class: 9
UN#: UN3082
Packing Group: III
Required Label(s): 9
Marine pollutant

US DOT Information:

Not regulated as dangerous goods

TDG Information:

Not regulated as dangerous goods

International Bulk Chemical Code

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355; Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

| | |
|------------------------|---|
| Basic copper carbonate | 12069-69-1 |
| SARA 313: | Copper Compounds, Chemical Category N100 |
| CERCLA: | 5000 lb final RQ; 2270 kg final RQ (for copper fraction only) |

SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories

Reproductive Toxicity; Specific Target Organ Toxicity

U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

Not listed under California Proposition 65.

Component Analysis - Inventory

Basic copper carbonate (12069-69-1)

| | | | | | | | | |
|-----|-----|-----|-----|-----|-----------|-----------|-------------------|-------------------|
| US | CA | AU | CN | EU | JP - ENCS | JP - ISHL | KR KECI - Annex 1 | KR KECI - Annex 2 |
| Yes | DSL | Yes | Yes | EIN | Yes | Yes | Yes | No |



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| | | | | | | |
|----------------|----|-----|-----|---------|--------|------------|
| KR - REACH CCA | MX | NZ | PH | TH-TECI | TW, CN | VN (Draft) |
| No | No | Yes | Yes | Yes | Yes | Yes |

Tebuconazole (107534-96-3)

| | | | | | | | | |
|----|----|----|-----|----|-----------|-----------|-------------------|-------------------|
| US | CA | AU | CN | EU | JP - ENCS | JP - ISHL | KR KECI - Annex 1 | KR KECI - Annex 2 |
| No | No | No | Yes | No | Yes | Yes | Yes | No |

| | | | | | | |
|----------------|-----|-----|-----|---------|--------|------------|
| KR - REACH CCA | MX | NZ | PH | TH-TECI | TW, CN | VN (Draft) |
| No | Yes | Yes | Yes | Yes | Yes | Yes |

U.S. Inventory (TSCA)

This product is exempt from TSCA inventory listing requirements as it is solely for FIFRA regulated use.

Further information

Labeling Requirements Under FIFRA: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label. CAUTION. Causes moderate eye irritation. Harmful if swallowed or absorbed through skin.

Section 16 - OTHER INFORMATION

NFPA Ratings

Health: 2 Fire: 1 Instability: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Preparation Date

Issue date: 4/21/2015

Revision date: 12/15/2022

Revision number: 4

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH -



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Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL), KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; KR REACH CCA - Korea Registration and Evaluation of Chemical Substances Chemical Control Act; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne- Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL - Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TH-TECI - Thailand - FDA Existing Chemicals Inventory (TECI); TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

Other Information

Disclaimer:

The information set forth in this Safety Data Sheet does not purport to be all-inclusive and should be used only as a guide. While the information and recommendations set forth herein are believed to be accurate, the company makes no warranty regarding such information and recommendations and disclaims all liability from reliance thereon.