



Safety Data Sheet

Monopole, Inc.

Product Name: MONOCHEM 200

Issue Date: September 2016

Monopole Inc. encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

SECTION 1: Identification

Product Name: MONOCHEM 200 PART A

Product Codes

1200: Clear, Semi-Gloss
1220: Clear, Low-Gloss
1212: White Base, Semi-Gloss
1250: White Base, Low-Gloss

COMPANY IDENTIFICATION

Monopole, Inc.
4661 Alger Street
Los Angeles, CA 90039
Tel: (818) 500-8585
Fax: (818) 502-0818

EMERGENCY TELEPHONE NUMBERS:

Health Emergency: (818) 500-8585
Poison Center : (800) 222-1222
Chemtrec : (800) 424-9300

SECTION 2: Hazard Identification

GHS Classification

Skin Corrosion	Category 2
Serious Eye Damage	Category 1
Skin sensitization:	Category 1

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910-1200).

GHS Label Elements

Hazard pictograms:



Single word: Danger

Hazard statements:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.
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Precautionary statements:

Prevention:

Do not breathe dust, mist, gas, vapors or spray.

Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF ON SKIN: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF SWALLOWED: Rinse mouth. Do not induce vomiting.
IF IN EYES: Rinse cautiously with water for several minutes.
If skin irritation or rash occurs, get medical attention.
Wash contaminated clothing before reuse.

Storage:

Store locked up.
Store in well-ventilated place. Keep container tightly closed.

Disposal:

Dispose of contents and container in accordance with existing federal, state, and local environmental control laws.

SECTION 3: Composition/Information on Ingredients

Hazardous Components	% (by weight)	CAS#	Classification
Dioctyl Sodium Sulfosuccinate	< 1%	577-11-7	Serious eye damage Category 2.
Tetraethylenepentamine	1-3%	112-57-2	Skin sensitization Category 1.
Polyamine Polymer	15-20%		Serious eye damage Category 2. Skin sensitization Category 1.

SECTION 4: First Aid Procedures

Eye Contact: Immediately flush eyes with plenty of water, preferably lukewarm. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and treated by medical personnel.

Inhalation: Inhalation is unlikely due to low vapor pressure. If affected by odor, remove victim to fresh air.

Skin Contact: Wash material off the skin thoroughly with plenty of soap and water. Wash contaminated clothing before reuse.

Ingestion: Do not induce vomiting. Give 1 or 2 glasses of milk or water to drink and refer person to medical personnel. Do not give anything by mouth to an unconscious person.

SECTION 5: Fire Fighting Measures

Extinguishing Media: Dry powder, dry sand, alcohol-resistant foam, carbon dioxide, limestone powder.

Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, sulphur oxides.

Specific Hazards: Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes.

SECTION 6: Accidental Release Measures

Personal Precautions: Keep people away from and upwind of spill/leak. Use personal protective equipment.

Spill or Leak Procedures: Dike or dam spilled material and control further spillage, if possible. Prevent from entering open drains and waterways. Cover spill with inert material (dry sand or earth) and collect for proper disposal. Ventilate area to remove vapors or dust.

Clean Up Methods: Soak up with inert absorbent material (Sand, silica gel, sawdust). Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains.

SECTION 7: Handling and Storage

Handling/Storage Precautions: Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Protect from freezing.

Storage: 12 months from manufacture date.

Storage Temperature: Minimum: 50°F; Maximum: 77°F

Storage Conditions: Protect from freezing. Store in a cool dry place. Store in original or similar containers. Store separate from food products.

SECTION 8: Exposure Controls / Personal Protection

Engineering Measures

Local exhaust is necessary to control airborne vapors, mists, dusts.
Provide readily accessible eye wash stations.

Personal Protective Equipment

Respiratory Protection: None required under normal conditions of use. Wear appropriate respirator when ventilation is inadequate.

Hand Protection: PVC disposable gloves

Eye Protection: Chemical safety goggles and side shield.

Skin Protection: Gloves, long sleeved shirts and pants.

Additional Protective Measures: As a general hygienic practice, wash hands and face after use. Showers and cleaning of clothes are recommended. Follow all label instructions.

SECTION 9: Physical and Chemical Properties

Boiling Point: 212°F (100°C)

Freezing Point: 32°F (0.0°C)

V.O.C. (Combined Part A & Part B): Zero

Vapor Density: N/E

Solubility in Water: Soluble

Color And Odor: Milky White, Mild Odor

pH: 9-10

1200 Clear Base, Semi-Gloss Part A Specific Gravity: 0.996 g/cm³

1212 White Base, Semi-Gloss Part A Specific Gravity: 1.14 g/cm³

SECTION 10: Stability and Reactivity

Hazardous Reactions: Hazardous polymerization does not occur.

Stability: Stable under normal conditions.

Conditions to Avoid: Excessive heat.

Incompatibility (Materials to Avoid): Water reactives, oxidizing agents.

Hazardous Decomposition Products: None.

SECTION 11: Toxicological Information

Likely Routes of Exposure: Inhalation, Skin, Eye, Ingestion.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

SECTION 12: Ecological Information

Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal Information

Waste Disposal Method: Dispose of in compliance with all relevant local, state, and federal laws and regulations regarding treatment. Do not contaminate ponds, waterways or ditches with chemical or used container.

RCRA: Not listed.

SECTION 14: Transportation Information

DOT Proper Shipping Name: Not regulated.

IATA Proper Shipping Name: Not regulated.

IMO Proper Shipping Name: Not regulated.

SECTION 15: Regulatory Information

Toxic Substance Control Act: This product does not contain chemicals listed on the TSCA inventory.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product does NOT contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects, or other reproductive harm.

U.S. EPA CERCLA Hazardous Substances (40 CFR 302) Components: None.

SARA Section 311/312 Hazard Categories: Acute Health Hazard.

U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components: None

SECTION 16: Other Information

USER'S RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein, are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Monopole Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.



Safety Data Sheet

Monopole, Inc.

Product Name: MONOCHEM 200 PART B

Issue Date: September 2016

Monopole Inc. encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

SECTION 1: Product and Company Identification

Product Name: MONOCHEM 200 PART B

Product Code: 1200 (CB), 1212 (WB)

COMPANY IDENTIFICATION

Monopole, Inc.
4661 Alger Street
Los Angeles, CA 90039
Tel: (818) 500-8585
Fax: (818) 502-0818

EMERGENCY TELEPHONE NUMBERS:
Health emergency : (818) 500 - 8585
Poison center..... : (818) 356 - 3129
Chemtrec..... : (800) 424 - 9300

SECTION 2: Hazard Identification

GHS Classification

Skin sensitization: Category 1

GHS Label Elements

Hazard pictograms:



Single word: Warning

Hazard statements:

May cause an allergic skin reaction.

Precautionary statements:

Prevention:

Avoid breathing dust, mist, fumes, gas, vapors, or spray.
Wash contaminated work clothing before reuse.
Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs, get medical attention.
Wash contaminated clothing before reuse.

Disposal:

Dispose of contents and container in accordance with existing federal, state, and local environmental control laws.

SECTION 3: Composition/Information on Ingredients

Hazardous Components	% (by weight)	CAS#	Classification
Trade Secret-Dispersion homopolymer	>50%	Trade Secret	N/A

SECTION 4: First Aid Measures

General: Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

Inhalation: Move to fresh air.

Skin Contact: Wash off with soap and water. Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Take off contaminate clothing and shoes immediately. NOTE TO PHYSICIANS. Application of corticosteroid cream has been effective in treating skin irritation.

Eye Contact: Flush eyes thoroughly with water for 20 minutes. If eye irritation persists, consult a specialist.

Ingestion: Never give anything by mouth to an unconscious person. If a person vomits while lying on his back, place him in the recovery position. Prevent aspiration of vomit. Turn the victims head to the side.

SECTION 5: Fire Fighting Measures

Flash Point : >249 °C (>480 °F)

Extinguishing Media: Alcohol-resistant foam, Carbon Dioxide (CO₂), Dry Chemical, Dry Sand, Limestone Powder.

Special Protective Equipment for Fire-Fighters: Use personnel protective equipment. Wear self contained breathing apparatus for firefighting if necessary.

Specific Hazards: Incomplete combustion may form carbon monoxide. Downwind personnel must be evacuated. Burning procedures obnoxious and toxic fumes.

SECTION 6: Accidental Release Measure

Initial Containment: Dike spill. Prevent material from entering sewers, waterways, or low areas.

Steps to be Taken in Case Material is Released or Spilled: Soak up with sawdust, sand, oil or other absorbent material.

Personal Precautions: Wear suitable protective clothing, gloves, and eye/face protection. Evacuate personnel to safe areas.

SECTION 7: Handling and Storage

Handling: Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Avoid contact with eyes. Spraying increases the risk of hazardous exposure. In atmospheres where the material is sprayed, workers should avoid eye contact with aerosols. Use personnel protective equipment. When using, do not eat, drink, or smoke.

Storage: Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep from freezing-product stability may be affect. Stir well before use. Keep away from oxidizers.

Storage Temperature: 34°F - 120°F

SECTION 8: Exposure Controls and Personal Protection

Engineering Controls:

Provide readily accessible eye wash stations and safety showers.

Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal Protective Equipment:

Respiratory Equipment- Wear appropriate respirator when ventilation is inadequate.

Hand Protection- PVC disposable gloves. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Protective Measures- Wash hands at the end of each work shift and before eating and smoking.

SECTION 9: Physical / Chemical Properties

APPEARANCE AND ODOR: White Liquid, Slight Odor.

BOILING POINT: 212 °F (100 °C)

V.O.C. (Combined Part A & Part B): Zero

VAPOR PRESSURE: 19.3 mmHg at 70°F

SOLUBILITY IN WATER: Insoluble.

FLASH POINT: 330°F (165°C)

SECTION 10: Stability & Reactivity Data

Chemical Stability: Stable at normal temperatures and storage conditions.

Decomposition: Hazardous decomposition products including carbon dioxide, carbon monoxide.

Materials to Avoid (Incompatibility): Oxidizing agents. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Mineral acids. Incompatible with bases.

SECTION 11: Toxicological Information

Acute Health Hazard:

Ingestion: No data available.
Inhalation: No data available.
Skin: No data available.
Eye: Mild eye irritation.

SECTION 12: Ecological Information

Data on the product is not available.

SECTION 13: Disposal Considerations

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental control laws. Incineration is the preferred method.

SECTION 10: Regulatory Information

DOT PROPER SHIPPING NAME: Not regulated.

IATA PROPER SHIPPING NAME: Not Regulated.

IMO PROPER SHIPPING NAME: Not regulated.

OSHA HAZCOM STANDARD RATING – Hazardous

TOXIC SUBSTANCE CONTROL ACT: Some chemicals comprising this product are listed on the TSCA inventory.

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): To the best of our knowledge, this product does NOT contain any of the listed chemicals, which the state of California has found to cause cancer, birth defects, or other reproductive harm.

USER'S RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein, are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Monopole Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.