



Material Safety Data Sheet

Monopole, Inc.

Product Name: BLACK EMULSION

Issue Date: December 2010

Monopole Inc. encourages and expects you to read and understand the entire MSDS, 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: BLACK EMULSION

Product Code: 9100

COMPANY IDENTIFICATION

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

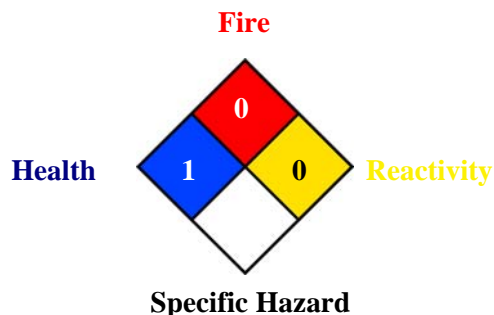
EMERGENCY TELEPHONE NUMBERS:
Health emergency : (818) 500 - 8585
Poison center..... : (818) 356 - 3129
Chemtrec..... : (800) 424 - 9300

SECTION 2: Hazard Identification

EMERGENCY OVERVIEW

Color: Dark Brown
Physical State: Liquid
Odor: Slight Odor

NFPA HAZARD RATING SYSTEM



POTENTIAL HEALTH EFFECTS

Inhalation: No effect. If affected by odor, remove to fresh air.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Direct eye contact may cause minor irritation. Flush eyes thoroughly with water for 20 minutes.

SECTION 3: Hazardous Ingredients

Hazardous Components	% (by weight)	CAS#	OSHA (PEL)	ACGIH (TLV)
Petroleum Asphalt	45-50			

**Indicates hazardous as defined in the 29 CFR 1910.1200.
Information concerning non-hazardous ingredients is considered a Trade Secret.
This product is not considered hazardous under normal conditions.*

SECTION 4: First Aid Measures

Inhalation: Move to fresh air. If victim is not breathing, give artificial respiration. If victim's breathing is difficult, give oxygen. Call a physician.

Skin Contact: Flush skin with water after contact. Wash contaminated clothing before reuse.

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

Ingestion: Do not induce vomiting. Immediately give victim 2 glasses of water. Never give anything to an unconscious person. Call a physician.

SECTION 5: Fire Fighting Measures

FLASH POINT: Non-Flammable

HAZARDOUS DECOMPOSITION: May form carbon oxides.

EXTINGUISHING MEDIA: This product is non-flammable in the liquid state. Use water spray, foam, dry chemical or CO₂.

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus and full protective equipment. Water may be used to cool closed containers.

SECTION 6: Accidental Release Measures

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 dry or other absorbent material.

PERSONAL PRECAUTIONS: Review Fire Fighting Measures and Handling (Personnel) sections before proceeding with clean-up. Use appropriate Personal Protective Equipment during clean-up.

SECTION 7: Handling and Storage

HANDELING

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use. Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material. Avoid circumstances that product respirable particles unless suitable ventilation and respirator are used.

STORAGE

Store temperatures: 50°F - 100°F

Keep from freezing – product stability may be affect. Stir well before use.Keep container tightly closed.

SECTION 8: Exposure Controls and Personal Protection

ENGINEERING CONTROLS

Use only with adequate ventilation.

EXPOSURE GUIDELINES: EXPOSURE LIMITS

PERSONAL PROTECTION – Routine Handling

Eye/Face Protection: Wear safety glasses with side-shields as a minimum.

Hand Protection: The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves.

Respirator Protection: Wear appropriate NIOSH approved respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that the limits are within recommended exposure guidelines.

Protective Measures: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Protective Clothing / Skin Contact: Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket. Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing immediately and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended

SECTION 9: Physical and Chemical Properties

Appearance and Odor: Dark brown, slight odor

Boiling Point: 212-225°F Water

Melting Point: Liquid

Solubility in Water: Complete

% Volatiles: < 50%

VOC: Zero g/L

Specific Gravity: 1.14 g/cm³

Vapor Density: Heavier than air (1.29 kg/m³)

Evaporation Rate: Slower than ether

SECTION 10: Stability and Reactivity

Chemical Stability: Stable at normal temperatures and storage conditions.

Materials to Avoid (Incompatibility): Avoid contact with acids and strong mineral and oxidizing agents.

Conditions to Avoid: Freezing temperatures and excessive heat.

Hazardous Polymerization: Will not occur.

SECTION 11: Toxicological Information

No known applicable information.

SECTION 12: Ecological Information

No known applicable information.

SECTION 13: Disposal Considerations

Environmental Precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Waste Disposal Method: Dispose of in accordance with Local, State, and Federal Regulations. Regulations may vary in different locations. DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.

MONOPOLE, INC. HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION 3: HAZARDOUS INGREDIENTS.

SECTION 14: Regulatory Information

DOT PROPER SHIPPING NAME: Not regulated.

IATA PROPER SHIPPING NAME: Not Regulated.

IMO PROPER SHIPPING NAME: Not regulated (Not dangerous for transport).

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

STATE REGULATIONS: CALIFORNIA - None.

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm.

US FEDERAL REGULATIONS

TOXIC SUBSTANCE CONTROL ACT: All chemicals comprising this product are listed on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute	: Yes
Chronic	: No
Fire	: No
Reactivity	: No
Pressure	: No

WORKPLACE CLASSIFICATION: This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200). This product is not a ‘controlled product’ under the Canadian Workplace Hazardous Materials Information System (WHMIS).

HAZARD RATING SYSTEM

NFPA, NPCA-HMIS	Toxicity 0	Flammability 0	Reactivity 0	Health 1
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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.