



Safety Data Sheet

Monopole, Inc.

Product Name: CITRUS CLEAN

Issue Date: August 2016

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: CITRUS CLEAN

Product Code: 9700

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:

Flammable: Category 3
Skin Irritant: Category 2
Aspiration Hazard: Category 1
Organ Toxicity: Category 3

GHS Label Element:

Hazardous Pictogram



Hazard Classification

This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Hazards Statements

May cause and allergic skin reaction
Flammable Liquid
May be fatal if swallowed
May cause drowsiness or dizziness
Causes skin irritation

Precautionary Statements

Prevention-

Keep away from heat/sparks/open flames/hot surfaces. No Smoking
 Keep container tightly closed
 Use explosion-proof electrical/ventilating/lighting equipment
 Use only non-sparking tools.
 Wash skin thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Use only outdoors or in a well-ventilated area. Avoid breathing dust/fumes, gas, mist, vapors, spray.
 Wear suitable protective clothing, gloves and eye/face protection.
 Wear full face shield if splashing hazard exists.

Response-

If Swallowed: Immediately call a poison center or doctor. Do not induce vomiting.
 If on Skin: Rinse skin with water/shower. Immediately remove all contaminated clothing. If skin irritation or rash occurs get medical attention.
 If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 In case of Fire: Use dry san, dry chemical or alcohol-resistant foam to extinguish.
 Store in well ventilated place. Keep cool. Store locked up.
 Dispose of contents/container to an approved waste disposal plant.

SECTION 3: Composition/Information on Ingredients

Hazardous Components	% (by weight)	CAS#	Classification
Limonene	> 30	5989-27-5	Flammable: Category 3 Skin Irritant: Category 2 Aspiration Hazard: Category 1
Propylene Glycol Methoxy-Propanol	10 12	1589-47-5	Flammable: Category 3 Organ Toxicity: Category 3

SECTION 4: First Aid Measures

Inhalation: If symptoms develop, immediately move person away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If victim is not breathing, give artificial respiration. If victim’s breathing is difficult, give oxygen. Call a physician.

Skin Contact: Wash exposed skin with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. If symptoms persist, seek medical attention.

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

Ingestion: Keep respiratory tract clear. Do NOT induce vomiting. Seek medical attention.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media: Sand, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam, water spray.

Unsuitable Extinguishing Media: High volume water jet.

Hazardous Combustion Products: Toxic fumes, carbon monoxide, carbon dioxide.

Specific Hazards During Firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

Further Information: Collect contaminated fire extinguishing water separately. Dispose of in accordance with local regulations. Use a water spray to cool fully closed containers.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing. If protective equipment is not available, fight fire from a protected location or safe distance.

SECTION 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental Precautions: Prevent product from entering drain entering sewers, waterways, or low areas. Dispose of properly. If run-off occurs, notify proper authorities as required.

Steps To Be Taken In Case Material Is Released Or Spilled: Soak up with sawdust, sand, oil dry or other absorbent material. Collect in suitable and properly labeled containers.

SECTION 7: Handling and Storage

HANDELING

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this MSDS must be observed. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as describe in National Fire Protection Association document NFPA 77.

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use. Avoid circumstances that product respirable particles unless suitable ventilation and respirator are used.

STORAGE

Store temperatures: 44°F - 90°F

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

Do not store or consume food, drink, or tobacco in areas where they may become contaminated with this material.

SECTION 8: Exposure Controls and Personal Protection

Control Parameters

Propylene glycol TWA 110 ppm

Engineering Controls

Use only with adequate ventilation. Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements.

Exposure Guidelines

PERSONAL PROTECTION – Routine Handling

The following recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Eye/Face Protection: Use safety glasses (with side shields).

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, jacket and boots. 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: Clear, Citrus

pH: 5-6

Boiling Point: 170°F

Flash Point: 148 °F

Evaporation Rate: Not available.

Vapor Pressure: 11 mmHg

Vapor Density: 0.96 (Air=1)
Solubility in Water: Complete
VOC_{ic}: 460 g/L
Specific Gravity: 1.008 g/cm³
Viscosity: 55 kus

SECTION 10: Stability and Reactivity

Reactivity: Stable and non-reactive under normal conditions of use.

Chemical Stability: Stable at normal temperatures and storage conditions.

Materials to Avoid (Incompatibility): Avoid strong oxidizing agents and reducing agent.

Conditions to Avoid: Freezing temperatures, excessive heat, open flame, sparks, prolonged storage at elevated temperatures.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon oxides.

SECTION 11: Toxicological Information

Acute Toxicity

Acute Oral Toxicity

Acute toxicity estimate: 4,400 mg/kg

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

Acute Dermal Toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Acute Inhalation Toxicity

Brief exposure is not likely to cause adverse effects.

Skin Corrosion/Irritation

Prolonged and repeated contact may cause slight skin irritation with local redness. \

Serious Eye Damage/Eye Irritation

May cause slight temporary eye irritation. Corneal injury is unlikely.

Specific Target Organ Systemic Toxicity

May cause drowsiness or dizziness through inhalation.

Carcinogenicity

Not classified as a human carcinogen.

SECTION 12: Ecological Information

Biodegradability: Readily biodegradable

Mobility in soil: Mobility in soil is very high

Aquatic toxicity: Very toxic to aquatic life with long lasting effects.

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.

Contaminated Packaging: Empty remaining contents; dispose of as unused product. Do not re-use empty containers. Do not burn containers.

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 SDS SECTION 3: HAZARDOUS INGREDIENTS.

SECTION 14: Regulatory Information

DOT Non-Bulk Proper Shipping Name: Environmentally Hazardous Substance. Marine Pollutant
UN Number: UN3082
Hazard Class: 9

STATE REGULATIONS: CALIFORNIA - None.

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986): This product does not contain chemicals known to the state of California to cause cancer or reproductive toxicity.

OSHA Hazard Communication Standard

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US FEDERAL REGULATIONS

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

SARA ACT of 1986 TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Immediate (Acute) Health Hazard: Yes

Delayed (Chronic) Health Hazard: No

Fire Hazard: Yes

HAZARD RATING SYSTEM

NFPA,	Toxicity	Flammability	Reactivity	Health
NPCA-HMIS	0	2	1	1

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.