



Safety Data Sheet

Monopole, Inc.

Product Name: CITRUS CLEAN SUPER

Issue Date: August 2015

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 SUPER

Product Code: 9800

COMPANY IDENTIFICATION

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

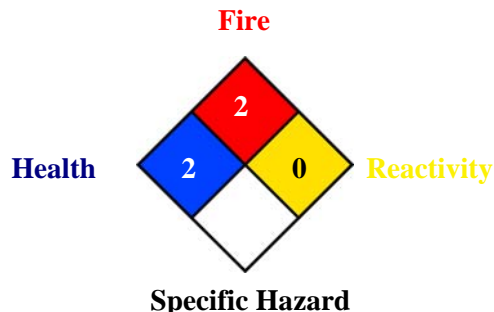
EMERGENCY TELEPHONE NUMBERS:
Health emergency : (818) 500 - 8585
Poison center..... : (800) 222 - 1222
Chemtrec..... : (800) 424 - 9300

SECTION 2: Hazard Identification

EMERGENCY OVERVIEW

Color: Colorless
Physical State: Liquid
Odor: Ether

NFPA HAZARD RATING SYSTEM



POTENTIAL HEALTH EFFECTS

Inhalation: Vapor and/or mist may irritate nose and throat. Vapor overexposure may cause drowsiness. Breathing large amounts may be harmful.

Skin Contact: May cause mild skin irritation. Symptoms may include redness and burning of skin. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Eye Contact: Can cause eye irritation. Symptoms may include stinging, tearing, redness and swelling of eyes.

Ingestion: Swallowing small amounts of this material is not likely to cause harmful effects. Swallowing large amounts may be harmful.

SECTION 3: Hazardous Ingredients

Hazardous Components	% (by weight)	CAS#	OSHA (PEL)	ACGIH (TLV)
TRADE SECRET				

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: Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible do not leave individual unattended.

SECTION 5: Fire Fighting Measures

FLASH POINT: 136°F (58 °C), ASTM D 93

HAZARDOUS COMBUSTION PRODUCTS: May form: acetone, acrid smoke and fumes, carbon dioxide and carbon monoxide, hydrocarbons.

EXTINGUISHING MEDIA: Carbon dioxide (CO₂), dry chemical, alcohol-resistant foam, water spray.

PRECAUTIONS FOR FIRE FIGHTING: If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release. Never use welding or cutting torch on or near material (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

FLAMMABILITY CLASS: Combustible Liquid Class IIIA

SECTION 6: Accidental Release Measures

INITIAL CONTAINMENT: Stop spill at source. Cover sewer grates and dike the spill. Prevent material from entering sewers, waterways, or low areas. Absorb spilled material with sand or other absorbent material. 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.

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

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

ENGINEERING CONTROLS

Use only with adequate ventilation.

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: Wear chemical splash goggles in compliance with OSHA regulations.

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: Colorless liquid, Ether

pH: 6-8

Boiling Point: 355°F

Evaporation Rate: 0.07 (N-Butyl Acetate=1)

Vapor Pressure: 0.5 mmHg

Vapor Density: 4.1 (Air=1)

Solubility in Water: Soluble in water.

VOC: < 935 g/L

Specific Gravity: 0.92 – 0.95 g/cm³

Viscosity: 45 kus

SECTION 10: Stability and Reactivity

Chemical Stability: Stable at normal temperatures and storage conditions.

Materials to Avoid (Incompatibility): Avoid contact with strong acids, strong bases, strong oxidizing agents, and strong alkalis.

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

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Aldehyds, carbon dioxide and carbon monoxide, ketones, organic acids.

SECTION 11: Toxicological Information

No data.

SECTION 12: Ecological Information

No data.

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 SDS SECTION 3: HAZARDOUS INGREDIENTS.

SECTION 14: Regulatory Information

DOT NON-BULK 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): There are trace amounts of 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: Yes

Fire Hazard: Yes

Reactive Hazard: No

Sudden Release of Pressure Hazard: No

HAZARD RATING SYSTEM

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

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.