

SECTION 1 - IDENTIFICATION

Product: C-CIDE™

Recommended use of the chemical and restrictions on use:

Uses: Multi-purpose, deodorizing, degreasing, cleaning concentrate.

List of advices against: Not available.

Details of the supplier of the Safety Data Sheet:

Momar, Inc.
1830 Ellsworth Industrial Dr.
Atlanta, Ga. 30318
404-355-4580
800-556-3967
www.momar.com

Emergency Telephone Number (INFOTRAC): North America: 1-800-535-5053
International: 1-352-323-3500

SECTION 2 – HAZARD IDENTIFICATION

Classification:	Flammable Liquid:	3
	Skin Corrosion/Irritation:	2
	Eye Damage/Irritation	2B
	Specific Target Organ Toxicity	3

Signal Word: Warning.

Hazard Statements: Flammable liquid and vapor.
Causes skin irritation.
Causes eye irritation
May cause respiratory irritation

Pictograms:



Precautionary Statements:

Prevention: Keep away from heat/sparks/open flames/hot surfaces -- No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash hands and all exposed skin thoroughly after handling.
Wear protective gloves/eye protection/face protection.

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Use only outdoors or in a well-ventilated area.

- Response:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
In case of fire: Use dry chemical, alcohol foam, carbon dioxide to extinguish.
If on skin: Wash with plenty of water/soap.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor/hospital if you feel unwell.
- Storage:** Store locked up.
Store in a well-ventilated place. Keep cool.
Keep container tightly closed.
- Disposal:** Dispose of contents/container to approved waste disposal plant in accordance with federal, state, and local regulations.
- Other Hazards:** None known.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Percent Weight
d-Limonene	5989-27-5	>90

SECTION 4 – FIRST AID MEASURES

- Eye Contact:** Immediately flush eyes with plenty of water for at least 15-20 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Get medical attention if irritation persists.
- Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Wash clothing and shoes before reuse. Get medical attention if irritation persists.
- Inhalation:** Remove from exposure. If not breathing, give artificial respiration. If breathing is difficult, get medical attention.
- Ingestion:** Get medical attention immediately. Do not induce vomiting. If victim is conscious and alert, give large amounts of water. Discontinue water if victim feels like they may vomit. Never give anything by mouth to an unconscious person. Keep head low in case of vomiting to keep material from entering lungs.
- Most Important Symptoms and Effects:**
Acute: Possible eye and skin irritation.
Delayed: Prolonged or excessive contact with skin could cause dermatitis.
- Indication of Any Immediate Medical Attention and Special Treatment Needed:** None known.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Use dry chemical, carbon dioxide, or alcohol foam.

Specific Hazards Arising From the Substance or Product: Water spray may be ineffective. Use water spray to cool fire exposed containers.

Hazardous Combustion Products: Oxides of carbon, smoke, and fumes.

Protective Equipment and Precautions for Firefighters: Wear a self-contained breathing apparatus in pressure- demand mode, and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Avoid contact with skin and eyes. Wear protective clothing, see Section 8.

Environmental Precautions: Keep out of sewers, drains, and bodies of water. Spills should be diked and absorbed.

Methods and Materials for Containment and Cleaning Up: Absorb in vermiculite, dry sand, or earth, and place in containers. Collect and reclaim or dispose of in sealed containers in a licensed waste facility. Liquid material may be removed with a vacuum truck. Containers with spillage must be properly labeled with correct contents and hazard symbol.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid spilling, skin, and eye contact. Wash thoroughly after handling. Use only with adequate ventilation. Use away from ignition sources. For industrial or professional use only. Do not cut or weld empty container. KEEP OUT OF REACH OF CHILDREN.

Conditions for Safe Storage: Store in a cool dry place. Keep out of sunlight and away from ignition sources.

Incompatibilities: Strong acids, oxidizing agents.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits and Recommendations:

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
d-Limonene	Not established	Not established	30 ppm (8hr TWA AIHA Standard)

Engineering Controls: Normal ventilation.

Personal Protection Measures:

Respiratory Protection: Normally not needed. If needed, use NIOSH approved mask and filter for organic vapor.

Skin and Body: Chemical resistant gloves recommended. Chemical resistant apron, as needed.

Eye Protection: Safety glasses/goggles recommended.

Other Recommendations: None.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Clear slightly yellow liquid with citrus odor.		
Odor Threshold:	Not determined.		
pH:	Not applicable.		
Freezing Point:	Not applicable.		
Boiling Point:	340-372°F		
Flash Point:	119°F		
Evaporation Rate (BUAC=1):	Slower.		
Flammability:	Flammable.		
Flammability or Explosion Limits:	Upper: 0.7%.		Lower: 6.1%.
Vapor Pressure:	Not determined.		
Specific Gravity:	0.850		
Solubility in Water:	Emulsifiable.		
Solubility in Other Solvents:	Not determined.		
Partition Coefficient (n-octanol/water):	Not determined.		
Auto-ignition Temperature:	Not determined.		
Decomposition Temperature:	Not determined.		
Viscosity:	Not determined.		
Other Information:	Not determined.		

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability:	Stable under normal temperature conditions and recommended use.
Possible Hazardous Reactions:	Not available.
Conditions to Avoid:	Heat, flames, sparks. Contact with incompatible materials.
Incompatible Materials:	Strong acids, oxidizing agents.
Hazardous Decomposition Products:	Oxides of carbon, smoke, fumes.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure:

Inhalation	Ingestion	Skin	Eye
		X	X

Physical, Chemical and Toxicological Effects:

Symptoms: Irritation to skin and eyes.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

Sensitization: Not a skin sensitizer.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: No components of this product are listed by NTP, IARC, or OSHA.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity: Lungs (single exposure).

Numerical Measures of Toxicity:

Product: Not determined.

Component:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
d-Limonene	4,400 mg/kg (rat)	>5,000 mg/kg (rabbit)	Not determined

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Fish: Fathead Minnow: LC50 = 0.702 mg/L; 96 hr
Invertebrates: Water Flea: LC50 = 69.6 mg/l; 48hr

Persistence and Degradability: Not expected to persist in the environment.

Bioaccumulation: Not expect to be a bioaccumulator. Readily biodegradable.

Mobility: Expected to volatilize.

Other Adverse Effects: When spilled on water, this product may act like an oil, causing a film, sheen, emulsion or sludge at or beneath the surface of a body of water.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes: Dispose of product in accordance with local, state, and federal regulations.

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other Information: None.

SECTION 14 – TRANSPORTATION INFORMATION

DOT:

UN Number:

Proper Shipping Name: Compounds, Cleaning Liquid

Hazard Class:

Packing Group:

USDOT exception 49CFR173.150(f) applies

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations:

TSCA: All ingredients of this product are listed in the TSCA inventory.

SARA 313: This product contains the following chemical or chemicals subject to the

reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
None		

US State Regulations:

California: This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

SECTION 16 – OTHER INFORMATION

Issue Date: November 18, 1992

Revision Date: November 21, 2013

Health	Flammability	Reactivity	Personal Protection
1	2	0	B

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