

MATERIAL SAFETY DATA SHEET

Citristrip Safer Paint and Varnish Stripper

Aerosol



HEALTH		2
FLAMMABILITY	4	
PHYSICAL HAZ.	1	
PPE	X	



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1. Product and Company Identification

Product Code: ACSA35.1

Product Name: Citristrip Safer Paint and Varnish Stripper Aerosol

Manufacturer Information

Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113

Phone Number: (901)775-0100

Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346

Information: W.M. Barr Customer Service (800)398-3892

Web site address: www.wmbarr.com

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Synonyms
ECG73807, ECG73807L

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. d-Limonene	5989-27-5	0.5 -1.5 %	No data.	No data.
2. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	30.0 -60.0 %	No data.	No data.
3. Dimethyl glutarate	1119-40-0	15.0 -40.0 %	No data.	No data.
4. Dimethyl adipate	627-93-0	30.0 -60.0 %	No data.	No data.
5. Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	9016-45-9	1.0 -5.0 %	No data.	No data.
6. Liquified petroleum gas, sweetened {Propane-isobutane-n-butane}	68476-86-8	3.0 -7.0 %	No data.	No data.

3. Hazards Identification

Emergency Overview

Danger! Flammable. Eye & Skin Irritant. Vapor Harmful. Contents under pressure.

Do not puncture, incinerate or store above 120 degrees F.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic)

Inhalation Acute Exposure Effects:

May cause dizziness; headache; irritation of the respiratory tract and mucous membranes; nausea; giddiness; mental confusion. Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal.

Skin Contact Acute Exposure Effects:

May cause irritation; itching; burning; redness; inflammation; and/or cracking. May cause dermatitis in people with sensitive skin. Individuals overexposed by inhalation or skin contact may experience blurry vision.

Eye Contact Acute Exposure Effects:

May cause irritation; redness; tearing; burns; conjunctivitis of eyes; stinging of eyes and eyelids.

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Ingestion Acute Exposure Effects:

Harmful or fatal if swallowed. May cause nausea, vomiting, and gastrointestinal irritation.

Chronic Exposure Effects:

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Repeated exposure may cause dermatitis. May cause skin irritation. Contains material that may adversely affect the developing fetus based on animal data.

Target Organs: Kidneys, Liver

Signs and Symptoms Of Exposure

Primary Routes of Exposure:

Inhalation, ingestion, and dermal.

Medical Conditions Generally Aggravated By Exposure

Pre-existing eye and skin diseases may be aggravated by overexposure.

4. First Aid Measures

Emergency and First Aid Procedures

Inhalation:

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

Skin Contact:

Wash with soap and water. Get medical attention. If irritation persists, get medical attention.

Eye Contact:

Immediately flush with water, remove any contact lens, continue to flush with water for at least 15 minutes, then get medical attention.

Ingestion:

Do not induce vomiting. Call your poison control center, hospital emergency room, or physician immediately.

Note to Physician

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

Flammability Classification:

Level 3 Aerosol

Flash Pt:

193.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)

Explosive Limits:

LEL: No data.

UEL: No data.

Fire Fighting Instructions

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards

FLASHPOINT OF LIQUID CONCENTRATE: 193 F

FLASHPOINT OF PROPELLANT: -142.5 F

Hazardous Combustion Products

carbon dioxide, carbon monoxide

Extinguishing Media

Use carbon dioxide, dry powder, water fog, or foam.

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Unsuitable Extinguishing Media

None known.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Isolate the immediate area. Prevent unauthorized entry. Eliminate all sources of ignition in area and downwind of the spill area. Stay upwind, out of low areas, and ventilate closed spaces before entering. All equipment used when handling this product must be grounded or non-sparking. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to compatible containers. For large spills, dike ahead of the spill. Vapors may cause flash fire or ignite explosively.

Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Small spills: Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large spills: Dike far ahead of spill for later disposal.

Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.

7. Handling and Storage

Precautions To Be Taken in Handling

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. A source of clean water should be kept in the immediate work area for flushing of the eyes and skin.

Keep away from heat, sparks, flame, and any other source of ignition.

Do not smoke when anywhere near this material.

Ground and bond containers when transferring material.

Do not use in confined spaces, basements, bathrooms, etc, where vapors can build up and explode if ignited by an ignition source.

Vapors are heavier than air and will collect in low areas.

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty containers according to all regulations.

Do not reuse this container.

Precautions To Be Taken in Storing

Replace overcap on container after each use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

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8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

For OSHA controlled work place and other regular users. Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

Eye Protection

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

Protective Gloves

Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

Other Protective Clothing

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.)

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

Work/Hygienic/Maintenance Practices

Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

9. Physical and Chemical Properties

Physical States:	<input checked="" type="checkbox"/> Gas	<input checked="" type="checkbox"/> Liquid	<input type="checkbox"/> Solid
Melting Point:	No data.		
Boiling Point:	310.00 F - 437.00 F		
Autoignition Pt:	No data.		
Flash Pt:	193.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)		
Explosive Limits:	LEL: No data.		UEL: No data.
Specific Gravity (Water = 1):	1.07		
Density:	8.93 LB/GL		
Bulk density:	No data.		

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Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Evaporation Rate (vs Butyl Acetate=1): < 1
Solubility in Water: 44 %
Percent Volatile: N.D.
VOC / Volume: 49.3000 % WT
Heat Value: No data.
Particle Size: No data.
Corrosion Rate: No data.
pH: No data.

Appearance and Odor

Opaque, orange/tan, smooth, viscous liquid

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

No data available.

Incompatibility - Materials To Avoid

Incompatible with strong oxidizers, acids, bases, and alkalies.

Hazardous Decomposition Or Byproducts

Thermal decomposition may produce carbon monoxide, carbon dioxide; oxides of nitrogen; acrid smoke; and fumes.

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

No data available.

11. Toxicological Information

This product has not been tested as a whole.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. d-Limonene	5989-27-5	n.a.	n.a.	n.a.	n.a.
2. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	n.a.	n.a.	n.a.	n.a.
3. Dimethyl glutarate	1119-40-0	n.a.	n.a.	n.a.	n.a.
4. Dimethyl adipate	627-93-0	n.a.	n.a.	n.a.	n.a.
5. Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	9016-45-9	n.a.	n.a.	n.a.	n.a.
6. Liquified petroleum gas, sweetened {Propane-isobutane-n-butane}	68476-86-8	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No information available for this product as a whole.

13. Disposal Considerations

Waste Disposal Method

Dispose in accordance with applicable local, state, and federal regulations. Keep out of sewers, drains, and bodies of water.

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14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name AEROSOLS

Level 3 Aerosol

DOT Hazard Class: 2.1

DOT Hazard Label: FLAMMABLE GAS

UN/NA Number: UN1950

Additional Transport Information

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. d-Limonene	5989-27-5	No	No	No	
2. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	No	No	Yes	
3. Dimethyl glutarate	1119-40-0	No	No	No	
4. Dimethyl adipate	627-93-0	No	No	No	
5. Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	9016-45-9	No	No	No	
6. Liquified petroleum gas, sweetened {Propane-isobutane-n-butane}	68476-86-8	No	No	No	

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. d-Limonene	5989-27-5	No		Inventory	
2. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	No		Inventory, 4 Test, 12(b)	No
3. Dimethyl glutarate	1119-40-0	No		Inventory, 4 Test, 12(b)	
4. Dimethyl adipate	627-93-0	No		Inventory, 4 Test, 12(b)	
5. Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydr {Nonylphenol Ethoxylate}	9016-45-9	No		Inventory, 8A PAIR, 8D	
6. Liquified petroleum gas, sweetened {Propane-isobutane-n-butane}	68476-86-8	No		Inventory	

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

- Sec.302:** EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.

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Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control

Act) Lists:

Inventory: Chemical Listed in the TSCA Inventory.
5A(2): Chemical Subject to Significant New Rules (SNURS)
6A: Commercial Chemical Control Rules
8A: Toxic Substances Subject To Information Rules on Production
8A CAIR: Comprehensive Assessment Information Rules - (CAIR)
8A PAIR: Preliminary Assessment Information Rules - (PAIR)
8C: Records of Allegations of Significant Adverse Reactions
8D: Health and Safety Data Reporting Rules
8D TERM: Health and Safety Data Reporting Rule Terminations
12(b): Notice of Export

Other Important Lists:

CWA NPDES: EPA Clean Water Act NPDES Permit Chemical
CAA HAP: EPA Clean Air Act Hazardous Air Pollutant
CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
CA PROP 65: California Proposition 65

International Regulatory Lists:

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

Yes No Acute (immediate) Health Hazard
 Yes No Chronic (delayed) Health Hazard
 Yes No Fire Hazard
 Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

16. Other Information

Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.