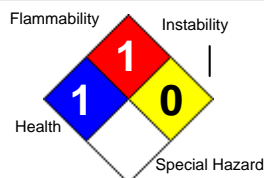


MATERIAL SAFETY DATA SHEET

CitriStrip Stripping Gel

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1. Product and Company Identification

Product Code: CS61040.26
Product Name: CitriStrip Stripping Gel
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
DCG73805, HCG73803T, QCG73801T, QCG73801TP

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV	Other Limits
1. Dimethyl glutarate	1119-40-0	10.0 -30.0 %	No data.	No data.	No data.
2. Dimethyl adipate	627-93-0	10.0 -30.0 %	No data.	No data.	No data.
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	30.0 -60.0 %	No data.	No data.	No data.
4. Polyethoxylated (15) cocamine	61791-14-8	< 1.0 %	No data.	No data.	No data.
Hazardous Components (Chemical Name)	RTECS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. Dimethyl glutarate	NA	No data.	No data.	No data.	No data.
2. Dimethyl adipate	AV1645000	No data.	No data.	No data.	No data.
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	UY5790000	No data.	No data.	No data.	No data.
4. Polyethoxylated (15) cocamine	KO9100000	No data.	No data.	No data.	No data.

3. Hazards Identification

Emergency Overview

No data available.

Potential Health Effects (Acute and Chronic)

ACUTE EYE CONTACT:

May cause eye irritation with discomfort, tearing, or blurring of vision and corneal clouding. May cause burns of the eye.

ACUTE SKIN CONTACT:

May cause mild skin irritation with redness, discomfort, burning, or rash. Prolonged or repeated skin contact may cause dermatitis and drying of the skin.

ACUTE INHALATION:

May cause irritation of the upper respiratory passages, with coughing, headache, and discomfort.

ACUTE INGESTION:

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May cause gastric disturbances. May cause nausea and vomiting. May damage mucous membranes.

CHRONIC EFFECTS: This product contains a material (N-Methylpyrrolidone) that may adversely effect the developing fetus based on animal data.

TARGET ORGANS: Eyes, skin, respiratory tract, digestive system.

ROUTES OF ENTRY: Eye and skin contact, ingestion, and inhalation.

Signs and Symptoms Of Exposure

See Potential Health Effects.

Medical Conditions Generally Aggravated By Exposure

Pre-existing eye disease and pre-existing skin conditions.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

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 large quantities of water and seek medical attention if irritation from contact persists.

EYE CONTACT:

Immediately flush with water for at least 15 minutes. Get medical attention immediately.

INGESTION:

Do not induce vomiting, unless directed to by medical personnel. Call your poison control center, hospital, emergency room, or physician immediately for instructions. Do not give anything by mouth to an unconscious person.

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

Flash Pt: > 200 F Method Used: Setaflash Closed Cup (Rapid Setaflash)

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data available.

Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Containers can build up pressure if exposed to heat (fire). Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards

Not Applicable.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide.

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Extinguishing Media

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

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. 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.

7. Handling and Storage

Precautions To Be Taken in Handling

Avoid contact with skin and eyes. Keep away from heat, sparks and flame. 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 container according to all regulations. Do not reuse this container.

Precautions To Be Taken in Storing

Store in a cool place in original container and protect from sunlight. Do not store near flames or at elevated temperatures.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

When used by the consumer following directions for use and with adequate ventilation, respiratory protection should not be needed.

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Eye Protection

Safety glasses should be worn during normal handling of this material.

Where contact with the eyes or face is likely, a faceshield or chemical splash goggles should be worn to prevent eye contact.

Protective Gloves

Wear gloves resistant to the chemical ingredients, such as nitrile rubber, neoprene, etc. Refer to the glove manufacturer's recommendations for permeability.

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 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. 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

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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.

A source of clean water should be available in the work area for flushing of eyes and skin.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Melting Point:	No data.
Boiling Point:	> 200 C
Autoignition Pt:	No data.
Flash Pt:	> 200 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Specific Gravity (Water = 1):	1.15
Density:	9.6 LB/GL
Vapor Pressure (vs. Air or mm Hg):	0.23 MM HG at 20 C
Vapor Density (vs. Air = 1):	> 1
Evaporation Rate:	< 1
Solubility in Water:	Slight
Percent Volatile:	65 % by weight.
VOC / Volume:	40 % WT
Viscosity:	<=12000 CPS
Appearance and Odor	
	Orange, translucent, viscous

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability	No data available.
Incompatibility - Materials To Avoid	Strong oxidizers, acids, alkalies
Hazardous Decomposition Or Byproducts	Carbon monoxide, carbon dioxide, nitrogen oxides, oxides of citrus terpenes
Hazardous Polymerization:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Polymerization	No data available.

11. Toxicological Information

No data available.

Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Dimethyl glutarate	1119-40-0	n.a.	n.a.	n.a.	n.a.

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Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
2. Dimethyl adipate	627-93-0	n.a.	n.a.	n.a.	n.a.
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	n.a.	n.a.	n.a.	n.a.
4. Polyethoxylated (15) cocamine	61791-14-8	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method

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

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Not Regulated by DOT.

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. Dimethyl glutarate	1119-40-0	No	No	No	No
2. Dimethyl adipate	627-93-0	No	No	No	No
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	No	No	Yes	No
4. Polyethoxylated (15) cocamine	61791-14-8	No	No	No	No

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. Dimethyl glutarate	1119-40-0	HAP, ODC ()	No	Inventory, 4 Test, 12(b)	No
2. Dimethyl adipate	627-93-0	HAP, ODC ()	No	Inventory, 4 Test, 12(b)	No
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	HAP, ODC ()	No	Inventory, 12(b)	Yes
4. Polyethoxylated (15) cocamine	61791-14-8	HAP, ODC ()	No	Inventory	No

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

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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:

[X] Yes [] No Acute (immediate) Health Hazard
[X] Yes [] No Chronic (delayed) Health Hazard
[] Yes [X] No Fire Hazard
[] Yes [X] No Sudden Release of Pressure Hazard
[] Yes [X] 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.

N.A.=Not available, N.P.=Not applicable, N.D.=Not determined, N.E.=Not established, N.R.=Not required