



ACTIO MSDS ID: 1007819

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION** (N/A)

Product Name: Liqui-Grill Griddle Cleaning Liquid
Manufacturer Name: <http://www.continentalcommercialproducts.com/contact.htm>
Address: 305 Rock Industrial Park Drive
Bridgeton, MO 63044
General Use: Grill and Griddle Cleaner
Business Phone: Chemtrec # 1-800-424-9300
Business Fax: 314-770-0790
Emergency Phone: Chemtrec # 1-800-424-9300
Customer Service Phone: Chemtrec # 1-800-424-9300
Revision Date: 2/02/10
Superseded: None
Distributor Address: 305 Rock Industrial Park Drive
Bridgeton, MO 63044
Distributor Telephone: Chemtrec # 1-800-424-9300
Formula ID No.: GL77

HMIS RATING:
Personal Protection: None

In Dilution:
Health: Not Applicable
Flammability: Not Applicable
Physical Hazard: Not Applicable
Personal Protection: Not Applicable

Hazard Rating:
0 = Insignificant
1 = Slight
2 = Moderate
3 = High
4 = Extreme

Product Codes: GCLG40, GCLG432, GCLGSK

HMIS

HEALTH	1
FIRE	0
REACTIVITY	0
PPE	

[To Top of page](#)**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS** : (N/A)

Ingredient Name	CAS#	Ingredient Percent
Glycerin EC Index Number: 1	56-81-5	> 65%
Water EC Index Number: 1	7732-18-5	15 - 25%
Potassium carbonate EC Index Number: 1	584-08-7	10 - 15%
Sodium carbonate EC Index Number: 1	497-19-8	2 - 6%

State Right-to-Know: Glycerin, water, potassium carbonate, sodium carbonate

See Section 8 for Exposure Limits

[To Top of page](#)**SECTION 3 : HAZARDS IDENTIFICATION** : (N/A)

Physical State: Clear Liquid

Color:	Orange
Odor:	No Scent
Immediate Concerns:	Irritation of eyes, skin, throat, and gastrointestinal tissues if swallowed.

Applies to All Ingredients :

Potential Health Effects:	
Eye Contact:	May cause minor transient eye irritation.
Skin Contact:	A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.
Inhalation:	Inhalation of mist may cause respiratory irritation.
Ingestion:	Single dose oral toxicity is low. Amounts ingested incidental to industrial handling are not likely to cause injury, however, ingestion of larger amounts may cause injury. Signs and symptoms of excessive exposure may be central nervous system effects and increase blood sugar levels.
Carcinogenicity:	Carcinogen listed by: Other (None)
OSHA Designation:	9: None
NTP Designation:	None
IARC Designation:	None
ACGIH Designation:	None
Aggravation of Pre-Existing Conditions:	No data available.

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SECTION 4 : FIRST AID MEASURES

: (N/A)

Eye Contact:	In case of eye contact, immediately flush eyes with cool water for at least 15 minutes. Do not let victim rub eyes. Obtain emergency medical information if pain, blinking, tears, or redness persist.
Skin Contact:	Wash exposed area of skin with soap and water. If skin irritation or an allergic reaction occurs, get medical attention.
Inhalation:	Immediately remove victim to fresh air. If victim has stopped breathing, give artificial respiration, preferably by mouth-to-mouth. Get medical attention immediately.
Ingestion:	For overexposure, call a physician or poison control center promptly.

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SECTION 5 : FIRE FIGHTING MEASURES

: (N/A)

Fire:	Fire and Explosion Hazards: Violent steam generation or eruption may occur upon application of direct water stream.
	Flammability: Not flammable
Flash Point:	Not determined
Upper Flammable or Explosive Limit:	Not available
Lower Flammable or Explosive Limit:	Not available
Auto Ignition Temperature:	Not available
Extinguishing Media:	Suitable: Water spray, carbon dioxide, dry chemical, foam. Water stream can spread fire.
Unsuitable Media:	Direct water stream.
Hazardous Combustion Byproducts:	During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to: aldehydes, carbon monoxide, and carbon dioxide. Thermal decomposition releases corrosive fumes of Acrolein.
Fire Fighting Instructions:	Use water spray or mist to cool fire-exposed containers. Keep people away. Isolate fire and deny unnecessary entry.
Protective Equipment:	Special protective equipment for fire-fighters: Use full protective clothing and self-contained breathing apparatus, and protection for exposed areas of head.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

: (N/A)

Personal Precautions:	Wear protective gloves. Wear protective eyewear. Avoid breathing mist.
Spill Cleanup Measures:	Methods and materials for containment and cleaning up: Absorb spill with inert solids; sweep up and dispose of in accordance with federal, state, and local regulations.
Environmental Precautions:	No special requirements. Do not dump into storm sewers, ground or body of water.

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SECTION 7 : HANDLING and STORAGE

: (N/A)

Handling:	Precautions for safe handling: No special requirements.
Storage:	Conditions for safe storage, including any incompatibilities: Store in a cool, well-ventilated area in sealed containers. Do not store in open or unlabeled containers. Keep container tightly closed. Store away from strong oxidizing agents or combustible material.
Hygiene Practices:	Use good personal hygiene. Do not consume. Wash hands before smoking or eating.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

: (N/A)

Engineering Controls:	Appropriate: Use in a well-ventilated area. Use with adequate dilution ventilation.
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Skin Protection Description:	Wear appropriate gloves when handling this material. Use neoprene, rubber, or other chemical resistant gloves. Wear appropriate clothing.
Eye/Face Protection:	Avoid eye contact. Wear safety glasses when possibility of eye contact exists.
Respiratory Protection:	Avoid prolonged breathing of mist.
Exposure Limits:	Exposure guideline comments: ACGIH-American Conf. of Governmental Industrial Hygienists; PEL-Permissible Exposure Limit; TLV®-Threshold Limit Value; TWA-Time- Weighted Average; STEL-Short Term Exposure Limit; OSHA-US Occupational Safety and Health Administration
Work Hygienic Practices:	Use good personal hygiene. Do not consume. Wash hands before smoking or eating.

Ingredient Guidelines

Ingredient:	<u>Glycerin</u>
Guideline Type:	OSHA PEL-TWA
Guideline Information:	10 mg/m3
Guideline Type:	ACGIH TLV-TWA
Guideline Information:	10 mg/m3

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SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES : (N/A)

Physical State/Appearance:	Clear Fluid
Color:	Orange
Odor:	No scent
Physical State:	Liquid
pH:	(Concentrate): 11.5 ± 0.5 (Use Dilution): Not Applicable
Decomposition Temperature:	Not available
Vapor Pressure:	Of actives: < 1.0
Vapor Density:	> 1 (Air=1)
Flash Point:	Not determined
Auto Ignition Temperature:	Not available
Upper Explosive Limit:	Not available
Lower Explosive Limit:	Not available
Boiling Point:	Not determined
Freezing Point:	< 0 deg F
Solubility:	Water: Yes, miscible
Specific Gravity:	1.030 (Water=1)
Density:	Rel.: 1.030 (Water=1)
Evaporation Point:	Not determined
Viscosity:	Not applicable
Pour Point:	Not available
Odor Threshold:	Not determined
Coefficient of Water/Oil Distribution:	Not available
Flammability:	Not flammable

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SECTION 10 : STABILITY and REACTIVITY : (N/A)

Chemical Stability:	Stable
Conditions to Avoid:	Avoid excessive heat and open flames.
Incompatibilities with Other Materials:	Avoid chlorine, fluorine, and other strong oxidizers such as bleach as well as strong acids.
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to: aldehydes, carbon monoxide, and carbon dioxide. Thermal decomposition releases corrosive fumes of Acrolein.

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SECTION 11 : TOXICOLOGICAL INFORMATION : (N/A)

Applies to All Ingredients :

Routes of Exposure:	Eyes, skin, mouth
Eye Effect:	Acute Health Effects: See Section 2
Skin Effects:	Acute Health Effects: See Section 2 Dermal LD50: Not available
Ingestion Effects:	Acute Health Effects: See Section 2 Oral LD50: Not available
Inhalation Effects:	Acute Health Effects: See Section 2 Inhalation LC50: Not available
Chronic Effects:	See Section 2
Other Toxicological Information:	Signs and Symptoms of Overexposure: Irritation of eyes, skin, and throat. Target Organ Effects: Not determined Medical Conditions Aggravated by Exposure: No data available.

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SECTION 12 : ECOLOGICAL INFORMATION : (N/A)

Ecotoxicity:	No data available
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Bioaccumulation:	Potential: Not available
Biodegradation:	Persistence and degradability: Not available
Mobility in soil:	Not available
	Other adverse effects: Not available

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SECTION 13 : DISPOSAL CONSIDERATIONS : (N/A)

Waste Disposal:	<p>Disposal Method: Comply with all local, state and federal regulations. Consult your state DNR or the EPA for specific questions. Incinerate in a permitted hazardous waste incinerator in the presence of a combustible material.</p> <p>Product Disposal: Do not dump into storm sewers, on the ground or into any body of water.</p> <p>For Large/Small Spills: Absorb spill with inert solids; sweep up and dispose of in accordance with federal, state, and local regulations.</p> <p>Empty Container: Pack and bottle container recycling: Empty packs should be rinsed out with cold water and then placed for recycling where accepted.</p>
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SECTION 14 : TRANSPORT INFORMATION : (N/A)

DOT Shipping Name:	Compound cleaning, NOI, liquid. Item 48580, Sub 3, Class 55
DOT UN Number:	Not regulated
DOT Hazard Class:	Not regulated
DOT Packing Group:	Not regulated
Maritime Pollutant:	Not regulated
Special precautions:	Not applicable
	Applies only during road transport. Any variation of the shipping description based on the packaging is not addressed.

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SECTION 15 : REGULATORY INFORMATION : (N/A)

Applies to all ingredients:

TSCA 8(b): Inventory Status:	All the ingredients are listed on the TSCA inventory.
Section 304 CERCLA RQ:	Not available
Section 312 Hazard Category:	SARA Section 311/312 (40 CFR 370) Hazards Categories: None
Section 313 Toxic Release Form:	SARA Title III Section 313 (40 CFR 372) Toxic Chemicals: None
Section 112(r): Clean Air Act	Not available
Section 116.4 part 117: Clean Water Act	Not available
State:	<p>California Proposition 65, Safe Drinking Water and Toxic Enforcement Act of 1986: No chemicals listed by California are present at a level that poses a significant risk of causing cancer or reproductive toxicity.</p> <p>State Right to Know: See Section 3</p>
Canada WHMIS:	<p>WHMIS Classification: Not controlled</p> <p>Legend: Class B-2 Flammable Liquid - Class D-1B Toxic - Class D-2A Carcinogen - Class D-2B Chronic Toxin - Class E Corrosive</p>
FDA Regulated:	<p>No ♦ Food Contact Status: Glycerin, the primary ingredient of this product, is approved for use by the FDA under the following sections of 21 CFR: Part 182.1320 as Generally Recognized as Safe (GRAS) when used in accordance with the specifications of this subpart.</p> <p>EPA Registered: No</p> <p>EPA/DfE Recognized: Yes</p> <p>NSF Certified: None</p> <p>Green Seal Certified: None</p>

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SECTION 16 : ADDITIONAL INFORMATION : (N/A)

HMIS:	
Health Hazard:	1
Fire Hazard:	0
Reactivity:	0
Label Text:	Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

MSDS Revision Date: 2/02/10
Superseded: None
Reason for change: New product.

MSDS Author: Prepared by Regulatory Affairs

Disclaimer:

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HMIS RATING:
Personal Protection: None

In Dilution:
Health: Not Applicable
Flammability: Not Applicable
Physical Hazard: Not Applicable
Personal Protection: Not Applicable

Hazard Rating:
0 = Insignificant
1 = Slight
2 = Moderate
3 = High
4 = Extreme

References: www.osha.gov/dsg/hazcom/ghs.html; 49CFR Table (172.101
Hazardous Materials Table/UN##/Proper Shipping Names/PG)

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