

Liqui-Gem Marquise Cut

Safety Data Sheet



SECTION 1: Product and company identification

Product name : Liqui-Gem Marquise Cut
Use of the substance/mixture : Floor wax stripper
Product code : 171602
Company : Share Corporation
P.O. Box 245013
Milwaukee, WI 53224 - USA
T (414) 355-4000
sharecorp.com
Emergency number : For 24/7 Chemical Emergency Call Chemtrec: 1-800-424-9300 (toll-free) and provide CCN 20036

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Skin Corr. 1B H314
Asp. Tox. 1 H304

2.2. Label elements

GHS US labelling
Hazard pictograms (GHS US)



GHS05 GHS08

Signal word (GHS US) : Danger
Hazard statements (GHS US) : May be fatal if swallowed and enters airways
Causes severe skin burns and eye damage
Precautionary statements (GHS US) : Do not breathe mist, spray.
Wash hands thoroughly after handling.
Wear eye protection, protective clothing, protective gloves.
If swallowed: Immediately call a doctor, a POISON CENTER.
If swallowed: rinse mouth. Do NOT induce vomiting.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a doctor, a POISON CENTER.
Specific treatment (see First aid measures on this label).
Do NOT induce vomiting.
Take off immediately all contaminated clothing and wash it before reuse.
Store locked up.
Dispose of contents and/or container to comply with local/regional/national/international regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Butoxyethanol	(CAS-No.) 111-76-2	10-30	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319

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Ethanolamine	(CAS-No.) 141-43-5	7-13	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 STOT SE 3, H335
Undeceth-5	(CAS-No.) 34398-01-1	3-7	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Sodium Hydroxide	(CAS-No.) 1310-73-2	1-5	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
- First-aid measures after ingestion : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage.
- Symptoms/effects after inhalation : May cause respiratory irritation.
- Symptoms/effects after skin contact : Caustic burns/corrosion of the skin.
- Symptoms/effects after eye contact : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
- Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. Gastrointestinal complaints. Burns to the gastric/intestinal mucosa.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : All extinguishing media allowed.

5.2. Special hazards arising from the substance or mixture

- Reactivity : Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel

- Protective equipment : Protective goggles. Gloves. Protective clothing.
- Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

6.1.2. For emergency responders

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Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

For containment	: Contain released product, collect/pump into suitable containers.
Methods for cleaning up	: Absorb spillage to prevent material damage. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open the container with care. Do not breathe mist, spray.
Hygiene measures	: Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Comply with applicable regulations. Never add water to this product. Always add the product to the water for dilution/mixture.
Storage conditions	: Store in corrosive resistant container with a resistant inner liner. Keep container closed when not in use. Store locked up.
Incompatible products	: Strong acids.
Storage area	: Keep only in the original container. Store in a dry area. Store in a cool area.
Special rules on packaging	: meet the legal requirements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Liqui-Gem Marquise Cut		
ACGIH	Not applicable	
OSHA	Not applicable	

Ethanolamine (141-43-5)		
ACGIH	ACGIH® TLV® TWA	3 ppm
ACGIH	ACGIH® TLV® STEL	6 ppm
ACGIH	Remark (ACGIH®)	Eye & skin irr
OSHA	OSHA PEL TWA	6 mg/m ³
OSHA	OSHA PEL TWA	3 ppm

Sodium Hydroxide (1310-73-2)		
ACGIH	ACGIH® TLV® C	2 mg/m ³
ACGIH	Remark (ACGIH®)	TLV® Basis: Eye, Skin & URT irr
OSHA	OSHA PEL TWA	2 mg/m ³

Undeceth-5 (34398-01-1)	
ACGIH	Not applicable
OSHA	Not applicable
Not applicable	

Butoxyethanol (111-76-2)		
ACGIH	ACGIH® TLV® TWA	97 mg/m ³
ACGIH	ACGIH® TLV® TWA	20 ppm

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ACGIH	Remark (ACGIH®)	TLV® Basis: Eye & URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
OSHA	OSHA PEL TWA	240 mg/m³
OSHA	OSHA PEL TWA	50 ppm

8.2. Exposure controls

Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary.
Safety glasses. Gloves. Protective clothing.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: clear,pink,Liquid
Odour	: mild
Odour threshold	: No data available
pH	: 11 – 14
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 200 °F Closed Cup
Relative evaporation rate (butylacetate=1)	: No data available
Flammability	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Relative vapour density at 20°C	: No data available
Density	: 1 g/ml
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: < 20 cSt Estimate
Viscosity, dynamic	: No data available
VOC content	: < 39 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO2 are formed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : No data available

Ethanolamine (141-43-5)

LD50 oral rat	1720 mg/kg female
LD50 dermal rabbit	1000 mg/kg
ATE CLP (oral)	1720 mg/kg bodyweight
ATE CLP (dermal)	1000 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1.5 mg/l/4h

Sodium Hydroxide (1310-73-2)

LD50 oral rat	4090 mg/kg
LD50 dermal rabbit	1350 mg/kg Source: NCIS
ATE CLP (oral)	4090 mg/kg bodyweight
ATE CLP (dermal)	1350 mg/kg bodyweight

Undeceth-5 (34398-01-1)

LD50 oral rat	> 1400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg Source: Butch Company

Butoxyethanol (111-76-2)

LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation	: Causes severe skin burns. pH: 11 – 14
Serious eye damage/irritation	: Assumed to cause serious eye damage pH: 11 – 14
Respiratory or skin sensitisation	: No data available (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: No data available (Based on available data, the classification criteria are not met)
Carcinogenicity	: No data available (Based on available data, the classification criteria are not met)

Butoxyethanol (111-76-2)

IARC group	3 - Not classifiable
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Reproductive toxicity	: No data available (Based on available data, the classification criteria are not met)
STOT-single exposure	: No data available (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: No data available (Based on available data, the classification criteria are not met)

Butoxyethanol (111-76-2)

NOAEL (oral, rat, 90 days)	see comments
NOAEL (dermal, rat/rabbit, 90 days)	see comments

Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Caustic burns/corrosion of the skin.
Symptoms/effects after eye contact	: Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
Symptoms/effects after ingestion	: May be fatal if swallowed and enters airways. Gastrointestinal complaints. Burns to the gastric/intestinal mucosa.
Likely routes of exposure	: Skin and eyes contact

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SECTION 12: Ecological information

12.1. Toxicity

Sodium Hydroxide (1310-73-2)	
LC50 - Fish [1]	125 mg/l
EC50 - Crustacea [1]	40.4 mg/l Test organisms (species): Ceriodaphnia sp.
Undeceth-5 (34398-01-1)	
LC50 - Fish [1]	3.9 mg/l Source: ECOTOX
EC50 - Crustacea [1]	< 10 mg/l
ErC50 algae	< 10 mg/l
Butoxyethanol (111-76-2)	
LC50 - Fish [1]	1474 mg/l Oncorhynchus mykiss
EC50 - Crustacea [1]	100 mg/l Water flea
ErC50 algae	1840 mg/l Pseudokirchneriella subcapitata
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l daphnid

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Sodium Hydroxide (1310-73-2)	
Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC
Undeceth-5 (34398-01-1)	
Partition coefficient n-octanol/water (Log Pow)	4 Source: EPISUITE

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description (DOT) : UN1760 Compounds, cleaning liquid (Sodium Hydroxide), 8, III
UN-No. (DOT) : UN1760
Proper Shipping Name (DOT) : Compounds, cleaning liquid
Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard labels (DOT) : 8 - Corrosive



Packing group (DOT) : III - Minor Danger
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241
DOT Symbols : D - Proper shipping name for domestic use only, or to and from Canada, G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102) : IB3,N37,T7,TP1,TP28
DOT Packaging Exceptions (49 CFR 173.xxx) : 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L
DOT Vessel Stowage Location : A
DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

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Additional information

Other information : When transported by ground, this product may be eligible to be shipped as a Limited Quantity utilizing the exception found at 49 CFR 173.154. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Sodium Hydroxide (1310-73-2)

CERCLA RQ 1000 lb

Undeceth-5 (34398-01-1)

SARA Section 311/312 Hazard Classes Immediate (acute) health hazard

WARNING

This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

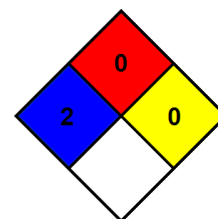
SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Prepared by: Technical Department

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