

# 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 : 171601  
 Company : Share Corporation  
 P.O. Box 245013  
 Milwaukee, WI 53224 - USA  
 T (414) 355-4000  
 Emergency number : Chemtrec: (800) 424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Skin Corr. 1C H314  
 Asp. Tox. 1 H304  
 Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



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 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  
 Wash contaminated clothing before reuse  
 Store locked up  
 Dispose of contents/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. Substance

Not applicable

Full text of H-phrases: see section 16

#### 3.2. Mixture

| Name                         | Product identifier | %     | GHS-US classification   |
|------------------------------|--------------------|-------|---|
| Glycol Ether EB              | (CAS No) 111-76-2  | 20-30 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Asp. Tox. 1, H304                    |
| 2-aminoethanol, ethanolamine | (CAS No) 141-43-5  | 7-13  | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Corr. 1B, H314<br>STOT SE 3, H335 |

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| Name  | Product identifier   | %   | GHS-US classification  |
|---|----------------------|-----|--|
| alpha-(4-nonylphenyl)-omega-hydroxy-poly(oxy-1,2-ethanediyl) branched | (CAS No) 127087-87-0 | 1-5 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation), H332<br>Eye Dam. 1, H318 |
| sodium hydroxide, caustic soda  | (CAS No) 1310-73-2   | 1-5 | Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1A, H314                               |

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 victim to fresh air and keep at rest in a position 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 or doctor/physician.
- First-aid measures after ingestion : Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

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

- Symptoms/injuries : May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage.
- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Caustic burns/corrosion of the skin.
- Symptoms/injuries after eye contact : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.
- Symptoms/injuries 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

- 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 substance, 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

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### 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. Add ALWAYS product to 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

| Glycol Ether EB (111-76-2)                 |                                     |                       |
|--|-------------------------------------|-----------------------|
| ACGIH                                      | ACGIH TWA (ppm)                     | 20 ppm                |
| ACGIH                                      | Remark (ACGIH)                      | Eye & URT irr         |
| OSHA                                       | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 240 mg/m <sup>3</sup> |
| OSHA                                       | OSHA PEL (TWA) (ppm)                | 50 ppm                |
| 2-aminoethanol, ethanolamine (141-43-5)    |                                     |                       |
| ACGIH                                      | ACGIH TWA (ppm)                     | 3 ppm                 |
| ACGIH                                      | ACGIH STEL (ppm)                    | 6 ppm                 |
| ACGIH                                      | Remark (ACGIH)                      | Eye & skin irr        |
| OSHA                                       | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 6 mg/m <sup>3</sup>   |
| OSHA                                       | OSHA PEL (TWA) (ppm)                | 3 ppm                 |
| sodium hydroxide, caustic soda (1310-73-2) |                                     |                       |
| ACGIH                                      | ACGIH Ceiling (mg/m <sup>3</sup> )  | 2 mg/m <sup>3</sup>   |
| ACGIH                                      | Remark (ACGIH)                      | URT, eye, & skin irr  |
| OSHA                                       | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>   |

#### 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, slight yellow. Liquid.
- Odor : detergent odor
- Odor threshold : No data available
- pH : 12.75 - 13.75
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : > 200 °F Closed Cup
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available

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|                                 |                     |
|---------------------------------|---------------------|
| Explosion limits                | : No data available |
| Explosive properties            | : No data available |
| Oxidizing properties            | : No data available |
| Vapor pressure                  | : No data available |
| Relative density                | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Specific gravity / density      | : 1.05 g/ml         |
| Solubility                      | : Soluble in water. |
| Log Pow                         | : No data available |
| Log Kow                         | : No data available |
| Auto-ignition temperature       | : No data available |
| Decomposition temperature       | : No data available |
| Viscosity                       | : No data available |
| Viscosity, kinematic            | : < 20 cSt          |
| Viscosity, dynamic              | : No data available |
| VOC content                     | : < 40 %            |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Upon combustion: CO and CO<sub>2</sub> 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.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| <b>Glycol Ether EB (111-76-2)</b> |                            |
|-----------------------------------|----------------------------|
| LD50 oral rat                     | 1300 mg/kg                 |
| LD50 dermal rat                   | > 2000 mg/kg               |
| ATE CLP (oral)                    | 1300.000 mg/kg body weight |
| ATE CLP (dermal)                  | 1100.000 mg/kg body weight |
| ATE CLP (dust, mist)              | 1.500 mg/l/4h              |

| <b>2-aminoethanol, ethanolamine (141-43-5)</b> |                            |
|--|----------------------------|
| LD50 oral rat                                  | 1720 mg/kg female          |
| LD50 dermal rabbit                             | 1000 mg/kg                 |
| ATE CLP (oral)                                 | 500.000 mg/kg body weight  |
| ATE CLP (dermal)                               | 1100.000 mg/kg body weight |
| ATE CLP (dust, mist)                           | 1.500 mg/l/4h              |

| <b>sodium hydroxide, caustic soda (1310-73-2)</b> |                            |
|---|----------------------------|
| LD50 oral rat                                     | 4090 mg/kg                 |
| LD50 dermal rabbit                                | 1350 mg/kg                 |
| ATE CLP (oral)                                    | 4090.000 mg/kg body weight |
| ATE CLP (dermal)                                  | 1350.000 mg/kg body weight |

|                                   |   |
|-----------------------------------|---|
| Skin corrosion/irritation         | : Causes severe skin burns and eye damage.<br>pH: 12.75 - 13.75 |
| Serious eye damage/irritation     | : Not classified<br>pH: 12.75 - 13.75                           |
| Respiratory or skin sensitization | : Not classified  |

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Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

|                                   |                      |
|-----------------------------------|----------------------|
| <b>Glycol Ether EB (111-76-2)</b> |                      |
| IARC group                        | 3 - Not Classifiable |

Reproductive toxicity : Not classified  
Specific target organ toxicity (single exposure) : Not classified  
Specific target organ toxicity (repeated exposure) : Not classified

|                                   |              |
|-----------------------------------|--------------|
| <b>Glycol Ether EB (111-76-2)</b> |              |
| 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/injuries after inhalation : May cause respiratory irritation.  
Symptoms/injuries after skin contact : Caustic burns/corrosion of the skin.  
Symptoms/injuries after eye contact : Causes serious eye damage. Corrosion of the eye tissue. Permanent eye damage.  
Symptoms/injuries 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

## SECTION 12: Ecological information

### 12.1. Toxicity

|                            |   |
|----------------------------|---|
| Glycol Ether EB (111-76-2) |   |
| LC50 fish 1                | 1474 mg/l Oncorhynchus mykiss             |
| EC50 Daphnia 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

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

## SECTION 14: Transport information

### Department of Transportation (DOT)

Transport document description : NA1760 Compounds, cleaning liquid (Sodium Hydroxide), 8, III  
UN-No.(DOT) : NA1760  
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

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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"

### Additional information

Other information : This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.154.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

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.

|   |                 |        |
|---|-----------------|--------|
| Glycol Ether EB   | CAS No 111-76-2 | 20-30% |
| Glycol Ether EB (111-76-2)  |                 |        |
| sodium hydroxide, caustic soda (1310-73-2)                        |                 |        |
| Not listed on SARA Section 313 (Specific toxic chemical listings) |                 |        |
| CERCLA RQ   | 1000 lb         |        |

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

## SECTION 16: Other information

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

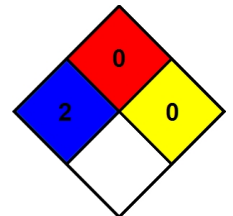
Full text of H-phrases:

|      |  |
|------|--|
| H227 | Combustible liquid                           |
| H302 | Harmful if swallowed                         |
| H304 | May be fatal if swallowed and enters airways |
| H312 | Harmful in contact with skin                 |
| H314 | Causes severe skin burns and eye damage      |
| H315 | Causes skin irritation                       |
| H318 | Causes serious eye damage                    |
| H319 | Causes serious eye irritation                |
| H332 | Harmful if inhaled                           |
| H335 | May cause respiratory irritation             |

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.*