



Blue Lotus Chem

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SAFETY DATA SHEET

Product Name:

Glide-Ease


Extreme Pressure (EP) Lubricant

1. IDENTIFICATION

Trade Name: Glide-Ease

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Blue Lotus Chem LLC

Address: 25219, Kuykendahl Road, Suite 210,
Tomball, TX 77375, USA 

Phone: +1 (346) 468 -1525

Email: support@bluelotuschem.com

Information Department: R&D

Emergency Telephone Number: +1 703 527 3887 / 800 424 9300

2. HAZARD(S) IDENTIFICATION



Classification of the Substance or Mixture:

This product is NOT classified according to the **Globally Harmonized System (GHS)**.

Label Elements:

- **GHS Label Elements:** Void
- **Hazard Pictograms:** Void
- **Signal Word:** Void
- **Hazard Statements:** Void

Classification System:

NFPA Ratings (scale 0 - 4)		HMIS Ratings (scale 0 - 4)		Other Hazards:
	Health = 1 Fire = 1 Reactivity = 0		Health = 1 Fire = 0 Reactivity = 1	Results of PBT and vPvB Assessment: <ul style="list-style-type: none">○ PBT: Not applicable○ vPvB: Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

- **Chemical Characterization:** Mixtures
- **Description:** Sulfurized Olefins 30-60%
- **Dangerous Components:** Void

4. FIRST- AID MEASURES

- **Description of First-Aid Measures:**

- **General Information:** No special measures required.
- **After Inhalation:** If inhaled, move to fresh air immediately. If breathing has stopped, administer artificial respiration. If breathing is difficult, provide oxygen. Seek medical attention immediately.
- **After Skin Contact:** Wash affected area thoroughly with soap and water for at least 15 minutes. If rash or other symptoms develop, consult a physician. Launder contaminated clothing before reuse.
- **After Eye Contact:** Rinse the affected eye(s) with running water for several minutes.
- **After Swallowing:** Do Not induce vomiting. Seek immediate medical attention.

- **Information for Doctor:**

- **Most Important Symptoms and Effects (Acute and Delayed):** No further relevant information available.

- **Indication of Immediate Medical Attention and Special Treatment Needed:** No further relevant information available.

5. FIRE-FIGHTING MEASURES

- **Extinguishing Media:**

- **Suitable Extinguishing Agents:** Carbon Dioxide (CO₂), Dry Chemical, Alcohol Foam, or a light water spray.
- **Special Hazards Arising from the Substance or Mixture:** Decomposition during a fire may produce toxic gases.

- **Advice for Firefighters:**

- Firefighting personnel should wear full protective clothing and use approved self-contained breathing apparatus (SCBA) if necessary.

- **Protective Equipment:** No special measures required.

6. ACCIDENTAL RELEASE MEASURES:

- **Personal Precautions, Protective Equipment, and Emergency Procedures:**

- Keep unnecessary personnel away from the spill area.
- Do Not touch or walk through the spilled material.
- Avoid handling damaged containers or spilled material without wearing appropriate protective clothing.

- **Environmental Precautions:**

- Prevent the material from entering sewers, surface water, or groundwater systems.

- **Methods and Material for Containment and Cleaning Up:**

- Stop the leak if it can be done safely.
- Prevent the substance from entering waterways, sewers, basements, or confined areas.

- **Reference to Other Sections:**

- See Section 7 for information on **safe handling**.
- See Section 8 for **personal protection equipment details**.
- See Section 13 for **proper disposal information**.

- **Protective Action Criteria for Chemicals (PAC):**

- **PAC-1:** None of the ingredients are listed.
- **PAC-2:** None of the ingredients are listed.

- **PAC-3:** None of the ingredients are listed.

7. HANDLING AND STORAGE

- **Handling:**

- **Precautions for Safe Handling:** Handle with care, like all chemical products. Ensure proper ventilation in the storage and working areas.
- **Information About Protection Against Explosions and Fires:**
- Keep containers tightly closed when not in use.
- Store in a cool, dry, well-ventilated place, away from incompatible materials.

- **Conditions for Safe Storage, Including Any Incompatibilities:**

- Store away from oxidizing agents.
- Keep containers closed when not in use and prevent freezing.
- Shelf life: 36 months.

- **Storage:**

- **Requirements for Storerooms and Receptacles:** Store in a cool, dry, well-ventilated area away from incompatible materials.
- **Information About Common Storage Facility:** Store separately from oxidizers.
- **Further Information About Storage Conditions:** No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Additional Information About Technical Systems:** No additional data; refer to Section 7.

- **Control Parameters:**

- **Components (with limited values) require Monitoring at the Workplace:** The product does not contain any significant quantities of materials requiring monitoring at the workplace.

- **Exposure Controls:**

- **Personal Protective Equipment (PPE):**
- **General Protective and Hygienic Measures:** Follow standard precautions when handling chemicals.
- **Breathing Equipment:** If exposure limits are exceeded or irritation occurs, use a NIOSH/MSHA-approved air-purifying respirator with an organic/amine vapor cartridge. Positive pressure supplied by air respirators may be necessary in high airborne contaminant situations. Respiratory protection must comply with local regulations.
- **Protection of Hands:** Wear chemical-resistant gloves and boots. Gloves should be impermeable and resistant to the product/substance. Consider glove material based on penetration time, diffusion rates, and degradation.
- **Material of Gloves:** The glove material selection depends on various factors, including quality and resistance to the product. As the product contains multiple substances, glove resistance must be tested prior to use.
- **Penetration Time of Glove Material:** The breakthrough time should be confirmed with the glove manufacturer.
- **Eye Protection:** Wear protective goggles and a face shield if there is a risk of splashing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Information on Basic Physical and Chemical Properties:**

- **General Information:**

- **Form:** Liquid

- **Color:** Amber-colored
- **Odor:** Mild
- **Odor Threshold:** Not determined
 - **pH-Value (at 20°C/68°F):** 8.5
 - **Change in Condition:**
 - **Melting Point/Range:** Not applicable
 - **Boiling Point/Range:** 260°C (500°F)
 - **Flash Point:** >200°C (>392°F) (estimated)
 - **Flammability (Solid/Gaseous):** Not applicable
 - **Ignition Temperature:** >450°C (>842°F)
 - **Decomposition Temperature:** Not determined
 - **Self-Igniting:** Does not ignite
 - **Danger of Explosion:** No danger (undetermined)
 - **Explosion Limits:**
 - **Lower:** Not determined
 - **Upper:** Not determined
 - **Vapor Pressure (at 20°C/68°F):** 0 hPa
 - **Specific Gravity (at 20°C/68°F):** ~0.962 g/cm³ (~8.02789 lbs/gal)
 - **Density (at 20°C/68°F):** 0.99
 - **Vapor Density (at 20°C/68°F):** 10
 - **Evaporation Rate:** Not determined
 - **Solubility in / Miscibility with Water:** Limited by viscosity
 - **Partition Coefficient (n-octanol/water):** Not determined
 - **Viscosity:**
 - **Dynamic:** Not determined
 - **Kinematic:** Not determined
 - **Solvent Content:**
 - **VOC Content:** 0.00%
0.0 g/l / 0.00 lb/gal
 - **Solids Content:** 0.0%
 - **Other Information:** Bulk Density at 20 C (lbs/ft3) 62

10. STABILITY AND REACTIVITY

- **Reactivity:** No further relevant information available.
- **Chemical Stability:** Stable under normal conditions.
- **Thermal Decomposition / Conditions to be Avoided:** Stable under normal conditions.
- **Possibility of Hazardous Reactions:** No dangerous reactions known.
- **Conditions to Avoid:** No further relevant information available.
- **Incompatible Materials:** Do Not mix with oxidizers.
- **Hazardous Decomposition Products:** Carbon Dioxide, Carbon Monoxide, and various unidentified organic hydrocarbons.

11. TOXICOLOGICAL INFORMATION

- **Information on Toxicological Effects:**
 - **Acute Toxicity:**
 - **Primary Irritant Effect:**
 - **On the Skin:** This product is not expected to be toxic upon skin contact.

- **On the Eye:** Product is classified as moderately irritating to the eyes.
 - **Sensitization:** Product is classified as moderately irritating to the skin.
- **Additional Toxicological Information:**
 - When used and handled according to specifications, the product does not have harmful effects based on our experience and available information.
- **Carcinogenic Categories:**
 - **IARC (International Agency for Research on Cancer):** None of the ingredients are listed.
 - **NTP (National Toxicology Program):** None of the ingredients are listed.
 - **OSHA-Ca (Occupational Safety & Health Administration):** None of the ingredients are listed.

12. ECOLOGICAL INFORMATION

- **Toxicity:**
 - **Aquatic Toxicity:** No further relevant information available.
- **Persistence and Degradability:** No further relevant information available.
- **Behavior in Environmental Systems:**
 - **Bioaccumulative Potential:** No further relevant information available.
 - **Mobility in Soil:** No further relevant information available.
- **Additional Ecological Information:**
 - **General Notes:**
 - **Results of PBT and vPvB Assessment:**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other Adverse Effects:** No further relevant information available.

13. DISPOSAL CONSIDERATIONS

- **Waste Treatment Methods:**
 - **Recommendation:** Review federal, state/provincial, and local government requirements prior to disposal. Waste must be disposed of in accordance with federal, state, and local environmental control regulations.
- **Uncleaned Packaging's:**
 - **Recommendation:** Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

- | | |
|---|----------------------------------|
| • UN Number: | DOT: Not Regulated. |
| • UN Proper Shipping Name: | DOT: Not Regulated. |
| • Transport Hazard Class(es): | DOT: Class Not Regulated. |
| • Packing Group: | DOT: Not Regulated. |
| • Environmental Hazards: | Marine Pollutant: No. |
| • Special Precautions for User:
(Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code) | Not applicable. |
| • UN "Model Regulation": | Not Regulated. |

15. REGULATORY INFORMATION

- **Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture:**
 - No further relevant information available.
- **SARA:**
 - **Section 355 (Extremely Hazardous Substances):** None of the ingredients is listed.
 - **Section 313 (Specific Toxic Chemical Listings):** None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):** All components have the value ACTIVE.
- **Hazardous Air Pollutants:** None of the ingredients is listed.
- **Proposition 65:**
 - **Chemicals Known to Cause Cancer:** None of the ingredients is listed.
 - **Chemicals Known to Cause Reproductive Toxicity for Females:** None of the ingredients is listed.
 - **Chemicals Known to Cause Reproductive Toxicity for Males:** None of the ingredients is listed.
 - **Chemicals Known to Cause Developmental Toxicity:** None of the ingredients is listed.
- **Carcinogenic Categories:**
 - **EPA (Environmental Protection Agency):** None of the ingredients is listed.
 - **TLV (Threshold Limit Value):** None of the ingredients is listed.
 - **NIOSH-Ca (National Institute for Occupational Safety and Health):** None of the ingredients is listed.
- **GHS Label Elements:** Void.
- **Hazard Pictograms:** Void.
- **Signal Word:** Void.
- **Hazard Statements:** Void.
- **Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department Issuing SDS:** Product Safety Department.
- **Contact:** support@bluelotuschem.com
- **Date of Preparation / Last Revision:** 08/27/2021 / 3.
- **Abbreviations and Acronyms:**
 - **DOT:** US Department of Transportation.
 - **EINECS:** European Inventory of Existing Commercial Chemical Substances.
 - **ELINCS:** European List of Notified Chemical Substances.
 - **CAS:** Chemical Abstracts Service (division of the American Chemical Society).
 - **NFPA:** National Fire Protection Association (USA).
 - **HMIS:** Hazardous Materials Identification System (USA).
 - **VOC:** Volatile Organic Compounds (USA, EU).
 - **PBT:** Persistent, Bioaccumulative, and Toxic.
 - **vPvB:** Very Persistent and Very Bioaccumulative.
 - **NIOSH:** National Institute for Occupational Safety.
 - **OSHA:** Occupational Safety & Health.
 - **HCS:** Hazard Communication Standard.
 - **GHS:** Globally Harmonized System.
 - **TLV:** Threshold Limit Value.
 - **PEL:** Permissible Exposure Limit.
 - **REL:** Recommended Exposure Limit.
- *Data compared to the previous version has been altered.*

DISCLAIMER: *Blue Lotus Chem, L.L.C. provides this information in good faith, specific to the designated material and accurate to the best of their knowledge. However, they make no guarantees about its accuracy or completeness. Users are responsible for ensuring its suitability, and Blue Lotus Chem, L.L.C. is not liable for any loss or damage from its use, nor do they offer a warranty against patent infringement.*

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