




SAFETY DATA SHEET

1. Product and Company Identification

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|-----------------------------|---|-----------------------------|----------------|
| PRODUCT NUMBER: | 2770 | COMPANY PHONE: | 1-800-241-8180 |
| PRODUCT NAME: | MAGNA GLIDE | EMERGENCY TELEPHONE: | 1-800-241-8180 |
| PRODUCT DESCRIPTION: | Lithium Complex Grease | INFOTRAC: | 1-800-535-5053 |
| COMPANY INFORMATION: | PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004 | | |

2. Hazards Identification

| | | | |
|---|---------------------------------------|----------------|---|
| GHS CLASSIFICATION: This product is not considered hazardous by OSHA Hazard Communication Standard 29 CFR 1910.1200 | SIGNAL WORD: WARNING | SYMBOL: |  |
|---|---------------------------------------|----------------|---|

HAZARD STATEMENTS:
May be harmful in contact with skin.
May cause eye irritation.

PRECAUTIONARY STATEMENTS:
Keep out of reach of children.
Read label before use.
Always wear eye or face protection.
Protect exposed skin from prolonged use.
EYES: Rinse eyes continually for several minutes.
SKIN: Wash affected skin with soap and water.
Storage: Not applicable.
Disposal: Always return waste to appropriate collection center. Dispose of empty containers in accordance with all national, state, and local regulations.

3. Composition / Information on Ingredients

This product contains no substances which, at their given concentrations, are to be considered hazardous to health and safety. This product is a lithium complex grease blended with a mixture of mineral oil with additives. The formulation is considered a trade secret and specific chemical names and/or percentages of the components have not been disclosed.

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING: Not expected to contain or cause any specific health or safety hazards when used in accordance with label.
EYES: Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.
SKIN: Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.
INHALATION:
Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist or if unconscious.
INGESTION:
Seek medical attention if discomfort occurs. Do not induce vomiting.
NOTES TO PHYSICIAN:
No data.

5. Fire-Fighting Measures

CONDITIONS OF FLAMMABILITY:

Heat, sparks, flame, red hot metal.

SUITABLE FIRE EXTINGUISHING MEDIA:

Water, CO₂, dry chemical, or universal aqueous film forming foam.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Not available.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Oxides of carbon (CO, CO₂), smoke, and vapors as products of incomplete combustion.

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT:

Not available.

EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE:

Not available.

SPECIFIC FIRE-FIGHTING METHODS:

Use water spray to cool fire-exposed containers, as contents can rupture violently from heat-developed pressure.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firemen should wear self-contained breathing apparatus.

SPECIAL FIRE AND EXPLOSION HAZARDS:

Not available.

6. Accidental Release Measures

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Report spills/releases as required to appropriate authorities. Some regulations require immediate reporting of spills/releases that could reach any waterway, including intermittent dry creeks. Prevent material from entering sewers, water sources, or low-lying areas; advise the relevant authorities if it has, or if it contaminates soil or vegetation. For land spills shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of absorbed residues as directed in Section 13. For water spills confine the spill immediately with booms. Notify port and/or other relevant authorities. Remove from the surface by skimming or with suitable absorbents.

7. Handling and Storage

SAFE HANDLING:

No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection.

SAFE STORAGE & INCOMPATIBILITIES:

Keep contains closed when not in use. Do not store in open or unlabeled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, or flame. Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. Exposure Controls / Personal Protection

EXPOSURE LIMIT VALUES:

When mists/aerosols can occur, the following are recommended: 5 mg/m³ (as oil mist) – ACGIH Threshold Limit Value (TLV), 10 mg/m³ (as oil mist) – OSHA Permissible Exposure Limit (PEL).

| | | | |
|--------------------------------|-----------|------------------|-----------------------|
| Lithium hydroxide mono hydrate | AIHA WEEL | Ceiling | 1.8 mg/m ³ |
| Mineral Oil | ACGIH | TWA –vacated and | |
| | | TWA | 5.0 mg/m ³ |
| Zinc alkyl dithiophosphate | ACGIH | TWA | 5.0 mg/m ³ |

ENGINEERING AND EXPOSURE CONTROLS:

General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest PEL rated ingredient from Section 2.

PERSONAL PROTECTIVE EQUIPMENT:



RESPIRATORY PROTECTION: When mists are generated, and/or when ventilation is not adequate, wear a NIOSH approved respirator with an appropriate cartridge. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary within the United States.

SKIN AND HAND PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

EYE PROTECTION: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

OTHER PROTECTIVE EQUIPMENT: Safety showers and eyewash stations should be available in the workplace.

HYGIENE MEASURES: Avoid breathing vapors and contact with the skin and eyes. Keep out of the reach of children. Wash hands after use.

9. Physical & Chemical Properties

| | | | |
|---|--|-----------------------------------|------------------------|
| Appearance: | Red semi-solid. | HAP Content: | 0.0 lbs./gal (0.0 g/L) |
| Physical State: | Paste. | Vapor Density: | Not available. |
| Odor: | Slight petroleum | Vapor Pressure: | <1 mm Hg |
| Odor Threshold: | Not available. | MIR Value: | 0.0 |
| pH: | Not available. | Solubility (water): | Insoluble. |
| Melting/Freezing Point: | Not available. | Auto-Ignition Temperature: | Not available. |
| Coeff of Water/Oil Dist: | Not available. | Viscosity: | >460 SSU |
| Flash Point: | 455°F ASTM D92 (Cleveland Open cup) | Percent VOC: | 0% Wt (0% vol) max |
| Percent Volatile: | 0% Wt (0%Vol) max | VOC Content: | 0.0 lbs./gal (0.0 g/L) |
| Specific Gravity (H₂O=1): | 0.870 g/cc | Weight: | 7.8 lbs./gal |
| Evaporation Rate: | Not available. | | |

10. Stability & Reactivity Information

CHEMICAL STABILITY:

Stable.

CONDITIONS OF INSTABILITY:

Not available.

HAZARD POLYMERIZATION:

Not expected to occur.

INCOMPATIBLE MATERIALS:

Strong oxidizers.

CONDITIONS TO AVOID:

Extreme heat and high-energy sources of ignition.

DECOMPOSITION PRODUCTS:

At elevated temperatures oxides of carbon can be produced.

11. Toxicological Information**CARCINOGENICITY:**

The petroleum base oil contained in this product has been highly refined by a variety of processes including hydrotreating and dewaxing to remove aromatics and improve performance characteristics. None of these oils used are listed as a carcinogen by NTP, IARC, or OSHA.

12. Ecological Information**ECOTOXICITY:**

| INGREDIENT | FISH LC50 | DAPHNIA EC50 | ALGAL IC50 | BACTERIAL EC50 |
|------------|---------------|----------------|----------------|----------------|
| Base Oil | >10 g/l/96 hr | Not available. | Not available. | Not available. |

MOBILITY:

When released into the environment, absorption to sediment and soil will be the predominant behavior.

PERSISTENCE:

Not available.

DEGRADABILITY:

This product is expected to be inherently biodegradable.

BIOACCUMULATION:

Unlikely due to the very low water solubility of the product.

OTHER ECOLOGIC DATA:

Do not allow to enter waters, wastewater, or soil.

EFFECT ON OZONE LAYER:

This product does not contain any ozone depleting ingredients.

13. Disposal Consideration

Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

14. Transportation Information**NON-REGULATED MATERIAL:**

All modes.

NMFC DESCRIPTION (United States)

ITEM DESCRIPTION: Compounds, lubricating.

ITEM NUMBER: LC252

CLASS: 55-65

15. Regulatory Information**UNITED STATES-FEDERAL:**

| INGREDIENT | CAS # | TSCA | RCRA | CERCLA | SARA 313 | SARA 311/312 |
|------------|-------|------|------|--------|----------|--------------|
| | | | | | | |

UNITED STATES-STATES:

| INGREDIENT | CA | DE | FL | MA | PA | MN | NJ | NY | WA |
|------------|----|----|----|----|----|----|----|----|----|
| | | | | | | | | | |

CANADA:

| INGREDIENT | A | B | D1B | D2A | D2B | E | DSL | NDSL | NPRI | CWC |
|------------|---|---|-----|-----|-----|---|-----|------|------|-----|
| | | | | | | | | | | |

WHMIS CLASSIFICATION: Not regulated

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

EUROPEAN UNION:

| INGREDIENT | EINECS | SYMBOL | RISK PHRASES | SAFETY PHRASES |
|------------|--------|--------|--------------|----------------|
| | | | | |

SARA (313) Toxic Release Inventory: This material may contain chemical(s) regulated under SARA. For specific questions, contact customer service.

RoHS COMPLIANCE:

This product is RoHS compliant according to the definitions and restrictions given by The European Parliament (Directive 2002/95/EC) and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

16. Other Information

N/A = Not Applicable; N/D = Not Determined

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|-------------|-------------------|-----------------|---------------------|---------------------------------|
| NFPA | Health Hazards: 1 | Flammability: 1 | Instability: 0 | Physical & Chemical Properties: |
| HMIS | Health Hazards: 1 | Flammability: 0 | Physical hazards: 0 | Personal protection: |

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.