






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1776	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	GL 50	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol High-Temperature Dry Graphite Lubricant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flam. Aerosol: Category 1 H222 Skin Irrit: Category 2 H315 Muta: Category 1B H340 Carc. 1A H350 STOT SE: Category 3 H336 STOT RE: Category 2 H373 Asp. Tox: Category 1 H304 Full text of H-phrases: see Section 16	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

- Extremely flammable aerosol.
- May be fatal if swallowed and enters airways.
- Causes skin irritation.
- May cause drowsiness or dizziness.
- May cause genetic defects.
- May cause cancer (Inhalation).
- May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:

Prevention:

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, hot surfaces, open flames, sparks. No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Do not breathe fume, gas, mist, spray, vapors.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Wash thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear eye protection, protective clothing, protective gloves.

Response:

- IF SWALLOWED: Immediately call a doctor, a POISON CENTER.
- IF ON SKIN: Wash with plenty of water.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If exposed or concerned: Get medical advice/attention.
- Call a doctor, a POISON CENTER if you feel unwell.
- Get medical advice/attention if you feel unwell.
- Do NOT induce vomiting.
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.

Storage:

- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.
- Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal:

- Dispose of contents/container to comply with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

- No additional information available.

UNKNOWN ACUTE TOXICITY (GHS US):

- Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT	CLASSIFICATION (GHS-US_)
Toluene	108-88-3	40-70	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Petroleum gases, liquefied	68476-86-8	10-30	Flam. Gas 1, H220 Compressed gas, H280 Muta. 1B, H340

			Carc. 1A, H350
Crystalline Silica	14808-60-7	0.1-5	Carc. 1A, H350

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL:

If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

INHALATION:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION:

Do NOT induce vomiting. Rinse mouth with water. Immediately call a poison center or doctor/physician.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/injuries: May cause cancer. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation: May cause respiratory irritation. Central nervous system depression. Prolonged exposure: danger of damage to health through inhalation.

Symptoms/injuries after skin contact: Causes skin irritation.

Symptoms/injuries after eye contact: Direct contact with the eyes is likely irritating.

Symptoms/injuries after ingestion: Gastrointestinal complaints. May be fatal if swallowed and enters airways. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam. Carbon dioxide. Dry chemical powder.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Fire hazard: Extremely flammable aerosol.

Explosion hazard: Pressurized container: may burst if heated. Vapors may travel long distances along ground before igniting/flashing back to vapor source.

Reactivity: Upon combustion: CO and CO₂ are formed.

SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

GENERAL MEASURES:

Isolate from fire, if possible, without unnecessary risk. Eliminate every possible source of ignition.

PERSONAL PRECAUTIONS:

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.

For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Stop leak if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Avoid release to the environment. Prevent entry to sewers and public waters.

For containment: Contain released substance, pump into suitable containers.

Methods for cleaning up: This material and its container must be disposed of in a safe way, and as per local legislation.

REFERENCE TO OTHER SECTIONS:

No additional information available.

7. Handling and Storage

SAFE HANDLING:

Do not puncture, incinerate, or crush. Do not use if spray button is missing or defective. 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. Obtain special instructions before use. Do not breathe gas/vapor/aerosol. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not reuse empty containers. Handle unclean empty containers as full ones. Wash thoroughly after handling. Wash contaminated clothing before reuse.

SAFE STORAGE & INCOMPATIBILITIES:

Comply with applicable regulations. Keep cool. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Incompatible with sources of ignition, direct sunlight, and heat sources. KEEP SUBSTANCE AWAY FROM: ignition sources. Heat sources.

Storage area: Meet the legal requirements. Store in a cool area. Store in a dry area.

Special rules on packaging: meet the legal requirements.

8. Exposure Controls / Personal Protection

toluene (108-88-3)

ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Visual impair; female repro;

PERSONAL PROTECTIVE EQUIPMENT:

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



9. Physical & Chemical Properties

Appearance:	Aerosol. Grey.	Flammability(solid/gas):	No data available.
Physical State:	Liquid.	Explosion Limits:	No data available.
Odor:	Hydrocarbon odor.	Explosive Properties:	No data available.
Odor Threshold:	No data available.	Oxidizing Properties:	No data available.
pH:	No data available.	Vapor Pressure:	≈ 4.4 atm @ 70°F
Melting Point:	No data available.	Relative Density:	No data available.
Freezing Point:	No data available.	Solubility (water):	Negligible.
Log POW:	No data available.	Auto-Ignition Temperature:	No data available.
Viscosity:	No data available.	Decomposition Temperature:	No data available.
Boiling Point:	No data available.	Relative Vapor Density @ 20°C:	No data available.
Flash Point:	No data available.	Log KOW:	No data available.
Relative Evap Rate (butyl acetate=1):	No data available.	Viscosity (kinematic):	< 20 cSt
VOC Content:	>90%	Viscosity (dynamic):	No data available.

10. Stability & Reactivity Information

REACTIVITY:

Upon combustion: CO and CO₂ are formed.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to Section 10 on Reactivity.

INCOMPATIBLE MATERIALS:

No additional information available.

CONDITIONS TO AVOID:

Heat. No flames. No sparks. Eliminate all sources of ignition.

DECOMPOSITION PRODUCTS:

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

11. Toxicological Information

ACUTE TOXICITY:

Not classified.

CARCINOGENICITY:

May cause cancer.

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY – single exposure:

May cause drowsiness or dizziness.

SPECIFIC TARGET ORGAN TOXICITY – repeated exposure:

May cause damage to organs through prolonged or repeated exposure.

ASPIRATION HAZARD:

May be fatal if swallowed and enters airways.

SKIN CORROSION/IRRITATION:

Causes skin irritation.

SERIOUS EYE DAMAGE/IRRITATION:

Not classified.

RESPIRATORY OR SKIN SENSITIZATION:

Not classified.

GERM CELL MUTAGENICITY:

May cause genetic defects.

SYMPTOMS/INJURIES AFTER INHALATION:

May cause respiratory irritation. Central nervous system depression. Prolonged exposure: danger of damage to health through inhalation.

SYMPTOMS/INJURIES AFTER SKIN CONTACT:

Causes skin irritation.

SYMPTOMS/INJURIES AFTER EYE CONTACT:

Direct contact with the eyes is likely irritating.

SYMPTOMS/INJURIES AFTER INGESTION:

Gastrointestinal complaints. May be fatal if swallowed and enters airways. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.

12. Ecological Information

TOXICITY:

No additional information available.

PERSISTENCE AND DEGRADABILITY:

No additional information available.

BIOACCUMULATIVE POTENTIAL:

No additional information available.

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information

DEPARTMENT OF TRANSPORTATION (DOT):

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 173.306.

ADR: No additional information available.

TRANSPORT BY SEA:

No additional information available.

AIR TRANSPORT:

No additional information available.

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.

toluene CAS No 108-88-3 40-70

toluene (108-88-3)

Listed on SARA Section 313 (Specific toxic chemical listings)

RQ (Reportable quantity, section 304 of EPA's List of Lists): 1000 lb

California Proposition 65:

This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

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:

Asp. Tox. 1 Aspiration hazard Category 1
Carc. 1A Carcinogenicity Category 1A
Compressed gas Gases under pressure Compressed gas
Flam. Aerosol 1 Flammable aerosol Category 1
Flam. Gas 1 Flammable gases Category 1
Flam. Liq. 2 Flammable liquids Category 2
Muta. 1B Germ cell mutagenicity Category 1B
Skin Irrit. 2 Skin corrosion/irritation Category 2
STOT RE 2 Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3 Specific target organ toxicity (single exposure) Category 3
H220 Extremely flammable gas
H222 Extremely flammable aerosol
H225 Highly flammable liquid and vapor
H280 Contains gas under pressure; may explode if heated
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H336 May cause drowsiness or dizziness
H340 May cause genetic defects
H350 May cause cancer
H373 May cause damage to organs through prolonged or repeated exposure

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.