




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2759	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	OG COMPOUND	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Open Gear Lubricant Compound With Moly	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Acute toxicity (oral): Category 4	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

H302: Harmful if swallowed.

PRECAUTIONARY STATEMENTS:

Prevention:

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

Response:

P301+P312+P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Disposal:

P501: Dispose of contents/container in accordance with local regulation.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	>= 70 - < 90
Mineral Oil Mixture	Not Assigned	>= 1 - < 5
molybdenum disulphide	1317-33-5	>= 1 - < 5
carbon black	1333-86-4	>= 1 - < 5
quartz (SiO ₂)	14808-60-7	>= 0.1 - < 1

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

EYES: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

SKIN: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

INHALATION:

If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

INGESTION:

Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

High volume water jet.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Do not allow run-off from firefighting to enter drains or watercourses.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide (CO₂). Carbon monoxide. Smoke.

SPECIFIC FIRE-FIGHTING METHODS:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Use personal protective equipment.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains

inform respective authorities. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. Handling and Storage

SAFE HANDLING:

Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating, and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

SAFE STORAGE:

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations/working materials must comply with the technological safety standards.

MATERIALS TO AVOID:

Oxidizing agents. Do not freeze. Store and keep away from bleach.

8. Exposure Controls / Personal Protection

COMPONENTS	CAS #	VALUE TYPE (form of exposure)	CONTROL PARAMETERS/ PERMISSIBLE CONCENTRATION	BASIS
carbon black	1333-86-4	TWA	3.5 mg/m ³	ACGIH
		TWA	3.5 mg/m ³	NOISH REL
		TWA	3.5 mg/m ³	OSHA Z-1
		TWA	3.5 mg/m ³	OSHA P0
		TWA (total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (Respirable dust)	0.05 mg/m ³	NIOSH REL

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Eyewash bottle with pure water. Tightly fitting safety goggles

SKIN PROTECTION: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required.

HYGIENE MEASURES: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9. Physical & Chemical Properties

Appearance:	Gel.	Flash Point:	204.4 °C; Method: Cleveland open cup
Color:	Black.	Evaporation Rate:	Not applicable.
Odor:	Oily.	Explosive Limit – lower (%):	No data available.
Odor Threshold:	No data available.	Explosive Limit – upper (%):	No data available.
pH:	No data available.	Vapor Pressure:	< 0.01 hPa
Melting/Freezing Point:	No data available.	Relative Vapor Density:	No data available.
Boiling Point:	No data available.	Density:	0.8 g/cm ³
Partition Coeff (n-octanol/water):	No data available.	Solubility (water):	Negligible.
Viscosity (kinematic):	> 10,000 mm ² /s (40°C)	Auto-Ignition Temperature:	Not determined.
solubility (other solvents):	Not determined.	Thermal Decomposition:	No data available.

10. Stability & Reactivity Information

REACTIVITY:

Stable.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No decomposition if stored and applied as directed.

INCOMPATIBLE MATERIALS:

Oxidizing agents. Organic materials.

CONDITIONS TO AVOID:

No data available.

DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. Toxicological Information

ACUTE TOXICITY:

Product:

Acute oral toxicity: Acute toxicity estimate: 333.37 mg/kg; Method: Calculation method.

Acute inhalation toxicity: Acute toxicity estimate: > 40 mg/l; Exposure time: 4 h. Test atmosphere: vapour. Method: Calculation method

SKIN CORROSION/IRRITATION:

May cause skin irritation and/or dermatitis.

SERIOUS EYE DAMAGE/EYE IRRITATION:

Vapours may cause irritation to the eyes, respiratory system, and the skin.

RESPIRATORY OR SKIN SENSITIZATION:

No data available.

GERM CELL MUTAGENICITY:

No data available.

CARCINOGENICITY:

Not classifiable as a human carcinogen.

IARC: Group 2B: Possibly carcinogenic to humans.
carbon black: 1333-86-4
Group 1: Carcinogenic to humans.
Quartz (SiO₂): 14808-60-7

ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.

REPRODUCTIVE TOXICITY:

No data available.

Distillates (petroleum), hydrotreated light naphthenic:

Mineral Oil Mixture:

molybdenum disulphide:

carbon black:

quartz (SiO₂):

STOT - single exposure:

No data available.

STOT - repeated exposure:

No data available.

ASPIRATION TOXICITY:

No data available.

FURTHER INFORMATION:

No data available.

12. Ecological Information**ECOTOXICITY:**

No data available.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

Partition coefficient: n-octanol/water: No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

ADDITIONAL ECOLOGICAL INFORMATION:

No data available. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

13. Disposal Consideration**WASTE FROM RESIDUES:**

Dispose of in accordance with local regulations. The product should not be allowed to enter drains, watercourses, or the soil. Do not contaminate ponds, waterways, or ditches with chemical or used container.

CONTAMINATED PACKAGING:

Empty remaining contents. Dispose of as unused product. Do not reuse empty containers.

14. Transportation Information**INTERNATIONAL REGULATION:**

UNRTDG: Not regulated as a dangerous good.

IATA-DGR: Not regulated as a dangerous good.

IMDG-Code: Not regulated as a dangerous good.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:

Not applicable for product as supplied.

NATIONAL REGULATIONS:

49 CFR: Not regulated as a dangerous good.

SPECIAL PRECAUTIONS FOR USER:

Not applicable.

15. Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity:

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:

Acute Health Hazard.

SARA 302:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA On TSCA inventory.

DSL This product contains one or several components that are not on the Canadian DSL nor NDSL.

AICS Not in compliance with the inventory.

NZIoC Not in compliance with the inventory.

PICCS Not in compliance with the inventory.

IECSC Not in compliance with the inventory.

Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

16. Other Information

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.