

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET
OPEN GEAR COMPOUND / 2758
FEBRUARY 2009
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FIRE	4
REACTIVITY	0
P.P.E.	G

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Petroleum-based lubricating grease
USE: Gear and slide lubrication

SECTION 2 – Composition on Ingredients

HAZARDOUS COMPONENTS	CAS #	WT %	OSHA PEL	ACGIH TLV	OTHER LIMITS OF EXPOSURE
Petroleum Oil	64742570/64742627	60-100	Oil Mist TWA-5mg/m3	N/A	STEL 10mg/m ³
Nonhazardous Blend	7782425/1317335 68953582/9003296	20-40	UN	UN	UN

SECTION 3 – Hazards Information**HEALTH EFFECTS:**

EYES: May cause irritation.

INHALATION: Viscous nature may block breathing passages if inhaled.

INGESTION: May cause diarrhea.

SKIN: For hypersensitive persons, may irritate the skin after prolonged periods of contact.

CARCINOGEN: NTP: No IARC: No OSHA: No

SECTION 4 – First Aid Measures

EYES: Flush with water until all residual material is gone. If irritation persists, seek medical help.

INHALATION: Clear air passage. If respiratory difficulty continues, seek medical help.

INGESTION: Wash out mouth immediately. Consult physician.

SKIN: Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

SECTION 5 – Fire Fighting Measures

EXTINGUISHING MEDIA: Foam, dry powder, Halon[®], carbon dioxide, sand, earth & water mist.

UNSUITABLE EXTINGUISHING MEDIA: Water jet.

FLASH POINT (COC) °F (°C): >560 (293) **AUTOIGNITION TEMPERATURE °F (°C):** >680 (360)

FLAMMABILITY: Not flammable at ambient temperature.

EXPLOSIVE PROPERTIES: LEL: 0.9% UEL: 7%

PROTECTIVE EQUIPMENT FOR FIRE FIGHTING: Self-contained breathing apparatus.

SECTION 6 – Accidental Release Measures

PERSONAL PRECAUTIONS: Wear gloves & protective overalls

ENVIRONMENTAL PRECAUTIONS: Do not allow it to enter drains.

SPILLAGE: Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

SECTION 7 – Handling and Storage

HANDLING: No special handling precautions necessary.

STORAGE: Do not store at elevated temperatures.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: None needed.

HAND PROTECTION: Protective gloves for hypersensitive persons.

EYE PROTECTION: Glasses, if applied to parts in motion.

BODY PROTECTION: Overalls.

SECTION 9 – Physical and Chemical Properties

PHYSICAL STATE: Semisolid paste

ODOR: Petroleum

MELTING POINT °F (°C): N/A

OCAR VALUE: N/A

VAPOR PRESSURE (kPa): <0.01

DENSITY (g/cm³): 1.00

OXIDIZING PROPERTIES: None

VAPOR DENSITY: >5

COLOR: Opaque Black

pH: Neutral

BOILING RANGE/POINT °F (°C): >700 (371)

PARTITION COEFFICIENT (Log Pow): N/A

PERCENT VOLATILES: Nil

EVAPORATION RATE (Butyl Acetate): <0.01

WATER SOLUBILITY: Nil

SECTION 10 – Stability and Reactivity

STABILITY: Chemically stable under normal conditions. No photoreactive agents.

CONDITIONS TO AVOID: Powerful sources of ignition & extreme temps.

MATERIALS TO AVOID: Strong inorganic & organic acids, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon, nitrogen and sulfur. Residue mainly comprised of soot and mineral oxides.

SECTION 11 – Toxicological Information

ACUTE TOXICITY: Not known.

IRRITANCY-SKIN: Very mild.

SKIN SENSITIZATION: Not known

SUBACUTE/SUB-CHRONIC TOXICITY: Not known.

GENOTOXICITY: None known.

CHRONIC TOXICITY: None known.

CALIFORNIA PROP 65: N/A

EC CLASSIFICATION (67/548/EEC): No

ALLERGENS: None known.

LC-50: >2000mg/kg – extrapolated from component data.

LD-50: N/A

SECTION 12 – Ecological Information

POSSIBLE EFFECTS: In extreme cases, may generate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely.

BEHAVIOR: Relatively well behaved. Bioaccumulation potential nil.

ENVIRONMENTAL FATE: Due to its fluid nature and specific gravity, this product will float and spread across water making it a nuisance contaminant. It's not thought to be toxic to marine or land organisms.

SECTION 13 – Disposal Consideration

PRODUCT DISPOSAL: Do not incinerate. Contact waste disposal company or local authority for advice.

CONTAINER DISPOSAL:

PAIS WITHOUT LINER: See Product Disposal section above.

PAIS WITH PLASTIC LINER: Pail may only be disposed of via standard waste disposal services, recycled or reused.

LINER: See Product Disposal section above.

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SECTION 14 – Transport Information

Not classified as hazardous for transport.

D.O.T.:	Nonhazardous
UN NO. :	N/A
AIR TRANSPORT (ICAO & IATA):	N/A
SEA TRANSPORT (IMO & IMDG):	N/A
ROAD & RAIL TRANSPORT (ADR/RID):	N/A

SECTION 15 – Regulatory Information

LABELING INFORMATION:	None needed
EC ANNEX 1 CLASSIFICATION:	N/A
R PHRASES:	R-22 harmful if swallowed. (Could clog passages)
S PHRASES:	N/A, as known.
OZONE DEPLETING CHEMICALS:	Not applicable.
TSCA:	All components are listed
WHMIS (Canada):	N/A
CANADIAN DSL:	All components listed.
40 CFR PART 372 (SARA SECTION 313):	N/A
CERCLA:	Nonhazardous
RCRA HAZARD CLASS:	Nonhazardous
SARA 311/312:	None
TSCA 12B COMPONENTS:	None

SECTION 16 – Other Information

New Jersey Right to Know: See Section II

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