

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name:	PM+ LUBRICANTS 2094	SUPPLIER'S NAME & ADDRESS
Chemical Formula:	Not Applicable	Comlube Technology Inc.
Product Family:	Petroleum Lubricating Grease	110 Scotia Court, Suite #34
Product Use:	Lubricating Grease	Whitby, Ontario L1N 8Y7
		Tel: (905) 438-8418

WHMIS Classification: Not Regulated

HMIS Hazard Index: Health 0 1; Flammability 0 1; Reactivity 0 0; Personal Protection 0 0.
0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

SECTION II – HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>%(Weight)</u>	<u>LC₅₀ ppm (Inhalation rat)</u>	<u>LD₅₀ mg/kg (Oral rat)</u>
No hazardous Ingredients				

SECTION III – PHYSICAL DATA

Physical state, odour and appearance:	Red grease with petroleum oil odour.		
Odour Threshold:	Not available	Specific gravity:	0.98
Coefficient water/oil		Vapour pressure (mm Hg):	Not available
Distribution:	Not available	Freezing point:	Not available
Boiling point:	Not available	Vapour density (Air=1):	Not available
PH:	Not available	Solubility in water:	Insoluble
Evaporation rate (nBuAc)	Not available	Volatiles, %by volume:	0%
Volatiles, % by weight:	0%		

SECTION IV – FIRE AND EXPLOSION DATA

Conditions of flammability: Product is not considered flammable under normal conditions.

If yes, under which conditions: Product may ignite if heated above flash point.

Means of extinction: Dry chemical; water fog; carbon dioxide; foam; sand or earth. Wear self-contained breathing apparatus when fighting fires in confined spaces. Water spray is an unsuitable extinguishing agent.

Sensitivity to mechanical impact/static discharge: Not sensitive.

Flash point (Methods): 175°C (ASTM D92)

Auto-ignition temperature: Not available

Upper flammable limit (% by volume): Not available

Lower flammable limit (% by volume): Not available

Hazardous combustion products: Carbon oxides and sulfur oxides are generated on combustion.

SECTION V – REACTIVITY DATA

Stability: Product is stable, hazardous polymerization will not occur.

Incompatible materials: Strong oxidizers.

Conditions of reactivity: Excessive heat, contact with strong oxidizers.

Hazardous decomposition products: Oxides of carbon.

SECTION VI – TOXICOLOGICAL PROPERTIES

LD₅₀ of material: Not available

LC₅₀ of material: Not applicable

Routes of entry:

Skin contact: Low order of irritancy. May cause irritation with prolonged and repeated contact.

Skin absorption: Low order of toxicity.

Eye contact: May cause irritation with prolonged and repeated contact.

Inhalation: Low order of toxicity. May cause mild respiratory irritation.

Ingestion: Swallowing large amounts may cause nausea, diarrhea and vomiting.

Exposure limits: None established.

Effects of acute exposure: See routes of entry above.

Effects of chronic exposure: Prolonged and repeated contact may cause dermatitis.

Sensitization to material: Not normally expected.

Carcinogenity, reproductive effects, mutagenicity, teratogenicity, synergistic materials: None known.

SECTION VII – FIRST AID

Inhalation: Remove victim to fresh air and call a physician.

Skin: Wash area thoroughly with soap and water. Remove contaminated clothing and launder before reuse.

Eyes: Flush eyes with large quantities of clean water for at least 15 minutes, get medical attention.

Ingestion: Do not induce vomiting unless instructed by a doctor. Get immediate medical attention.

SECTION VIII – PREVENTIVE MEASURES

Spill, leak or release: Shut off leak and dike up large spills. Keep spills clear of flames and sparks. Scoop up spill; absorb any residue with inert material such as earth, sand or vermiculite.

Waste disposal: Dispose of waste in accordance with municipal, provincial and federal regulations.

Protective Equipment:

Respiratory/type: Not required under normal handling conditions.

Gloves/type: Wear oil-resistant gloves such as neoprene if direct contact is likely.

Eye/type: Splash proof safety goggles or safety glasses.

Footwear/type: Wear safety boots as per local regulations.

Other/type: Eye wash station should be in close proximity to work area.

Engineering controls: Local exhaust recommended.

Handling procedures and equipment: Handle away from all sources of ignition. Keep container closed.

Storage needs: Keep away from strong oxidizers, excessive heat and ignition sources.

Special shipping instructions: Not normally regulated as dangerous goods.

SECTION IX – PREPARATION INFORMATION

Prepared by: Comlube Technology Inc.

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Preparation date: December, 2009

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