

		MATERIAL SAFETY DATA SHEET		ADDRESS: 3711 LeHarms Road Youngstown, Ohio 44515 Emergency Phone Number (s) Business: 330-792-1100 Off Hours: 1-800-362-9410 Date: 10-08-08	
Product Identification Product Name ProGuard Curve Rail Grease 0 & 1 (All Grades)				Code No. 60,558	
Synonyms none				Chemical Family Hydrocarbon	
Ingredients					
MATERIALS OR COMPONENTS		% wt.	CAS NUMBER	CARCINOGEN OSHA or IARC	
Calcium Stearate		7 - 13	1592-23-0	No	
Mineral Oil		75 - 85	64742-52-5	No	
Graphite		11 - 13	7782-42-5	No	
Shipping Information Not Restricted					
Physical Properties					
Boiling Point/Range Deg. C 700 Deg. F		Melting Point Deg. C 210 Deg. F		Freezing Point Deg. C - 20 Deg. F	
Specific Gravity (water=1) 0.90 @ 16 Deg C		Vapor Pressure (mm Hg) N/A Deg. C Deg. F		Vapor Density (Air = 1) N/A	
Solubility in Water Nil		% Volatiles by Volume 0		Evaporation Rate N/A	
Appearance and Odor Gray-Black Grease-Blend		☐ Either = 1 ☐ Water = 1 ☐ Butylacetate = 1 Other			
Fire and Explosion Data					
Flash Point Deg. C 330 Deg. F		Test Method D-92		Autoignition temperature/Fire Point Deg C 360 Deg. F	
EXTINGUISHING MEDIA ☐ Water Spray ☒ Water - fog ☐ Water - Stream ☒ Carbon dioxide ☒ Dry chemical ☐ Alcohol foam ☒ Foam ☒ Earth or sand					
SPECIAL FIRE FIGHTING PROCEDURES ☐ Do not enter building ☐ Allow fire to burn ☒ Water may cause frothing ☐ Do not use water					
UNUSUAL FIRE AND EXPLOSION HAZARDS ☐ Dust Explosion hazard ☐ Sensitive to shock ☐ Contamination ☐ Temperature ☒ Other None (specify)					
Reactivity Data					
Stability ☒ Stable ☐ Unstable		Conditions Contributing to Instability ☐ Thermal decomposition ☐ Photo degradation ☐ Polymerization ☐ Contamination			
Incompatibility - Avoid Contact With ☐ Strong Acids ☐ Strong Alkalis ☒ Strong Oxidizers ☐ Other (Specify)					

Reactivity Data continued....									
Hazardous Decomposition Products - Thermal and Other (list)									
CO & CO2 if Incomplete Combustion									
CONDITIONS TO AVOID									
☐ Heat	☒ Open Flames	☐ Sparks	☐ Ignition Sources	☐ Other (specify)					
Spill or Leak									
Steps to be Taken if material is Released or Spilled									
☐ Flush with Water	☒ Absorb with Sand	☐ Neutralize	☒ Sweep or Scoop up and remove	☐ Keep upwind Evacuate enclosed spaces			☐ Prevent Spread or Spill		
☐ Dispose of Immediately		☐ Other (specify)							
Waste Disposal Method - Consult federal, state or local authorities for proper disposal procedures.									
All Disposals Must Comply with Federal, State and Local Regulations.									
Toxicity Information									
Conditions to Avoid: Excessive Contact									
Primary Routes of Entry									
☐ Inhalation		☒ Skin Contact			☐ Other (specify)				
This product has been used for years with no known ill effects. It contains no known carcinogens or mutagens as defined by OSHA or IARC.									
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372)									
<u>CAS Number</u>		<u>Chemical Name</u>				<u>Percent by Weight</u>			
Health and Hazard Information									
NFPA Rating					NFPA HAZARD RATING CODES				
Health.....0					Least.....0		High.....3		
Flammability.....1					Slight.....1		Extreme.....4		
Reactivity.....0					Moderate.....2				
Protective Equipment..B									
Effects of Exposure									
Permissible Exposure Limit (Specify if TLV/TWA or Ceiling [c])					OSHA 2007		Other:		
ACGIH 20							5 mg/m3 for mineral oil		
Irritation	☒ Skin	☐ Severe	☐ Moderate	☒ Mild (Transient)					
	☒ Eye	☐ Severe	☐ Moderate	☒ Mild (Transient)					
Corrosivity	☐ Skin	4 hrs. (DOT)			☐ 24 hrs (CPSC)				
	☐ Eye	May Cause Blindness			☒ Not Corrosive				
Sensitization		☐ Skin	☐ Respiratory	☒ None	Inhalation Effects		☐ Cyanosis ☐ Asphyxiant		
		☐ Narcotic Effect							
Lung Effects (Specify): None									
Other (Specify):									
☐ Repeated Contact-skin Defatter		☐ Other (Specify) NONE							
Emergency First Aid									
Ingestion									
☐ Induce Vomiting		☒ Do Not Induce Vomiting		☐ Give Plenty of Water		☒ Get Medical Attention		☐ Other (specify)	
Dermal									
☒ Flush with Soap and Water		☐ Get Medical Attention		☒ Contaminated Clothing-Remove and Launder		☐ Contaminated Shoes - destroy		☐ Other (specify)	

Emergency First Aid continued

Eye Contact

☒ Flush with plenty of water for at least 15 minutes ☒ Get Medical Attention ☐ Other (specify)

Inhalation

☐ Remove to fresh air ☐ If not breathing give artificial respiration ☐ Give Oxygen ☐ Get Medical Attention ☐ Other (specify) **None**

Special Protection Information

Ventilation Requirements - Always maintain exposure below permissible limits.

☐ Consult an Individual Hygienist or environmental health specialist ☐ Local Exhaust ☒ Use with Adequate Ventilation ☐ Check for Air Contamination and oxygen deficiency ☐ Other (specify)

Eye	☐ Face Shield	Hand (Glove Type)	☐ Polyvinyl Chloride	☒ Neoprene	☒ Butyl Rubber	☐ Polyvinyl Alcohol	☒ Other - Nitrile
	☐ Goggles				☐ Natural Rubber	☒ Polyethylene	
	☒ Safety Glasses						

Respirator Type - Use Only NIOSH/MESA Approved Equipment

☐ Self-Contained ☐ Supplied Air ☐ Can or Cartridge Gas or Vapor ☐ Filter-dust Fume, Mist ☐ Other (specify) **NONE**

Other Protective Equipment

☐ Rubber Boots ☐ Apron ☐ Other (specify) **NONE**

Special Precautions

Precautionary Notes

☒ Wash Thoroughly after Handling	☒ Do Not Get in Eyes, or on Clothing	☐ Do not Breathe Dust, Vapor, Mist Gas	☒ Keep Container Closed
☒ Keep Away from Sparks, and Open Flames		☐ Store in Tightly Closed Container	☐ Do Not Store Near Combustibles
☐ Keep From Contact with Clothing and other Combustible Materials		☐ Empty Container may Contain Hazardous Residues	☐ Use Explosion Proof Equipment
			☐ Other (specify):

Other Handling and Storage Conditions - NO SPECIAL CONDITIONS

Disclaimer: Lyden Oil Company, Inc. believes this information is accurate but not all-inclusive in all circumstances. It is the responsibility of the user to determine suitability of the material for their purposes. No Warranty, Expressed or Implied is Given.