

		<b>MATERIAL SAFETY DATA SHEET</b>		<b>ADDRESS:</b> 3711 LeHarms Road Youngstown, Ohio 44515	
<b>PRODUCT IDENTIFICATION</b>	<b>PRODUCT NAME</b> ProGuard CSG 100 Grease Series (2,1.5,1,0)		<b>Code No.</b> 11453-1.5		<b>Emergency Phone Number(s)</b>  Business: (330) 792-1100 Fax #: (330) 792-1462
	Lubricating Grease				Date sent:
	<b>SYNONYMS</b>				<b>Chemical Family</b> Petroleum
<b>INGREDIENTS</b>	<b>MATERIALS OR COMPONENTS</b>		<b>%W</b>	<b>CAS NUMBER</b>	<b>CARCINOGEN OSHA OR IARC</b>
	Dodecylbenzene Sulfonic Acid, Calcium Salt		2-4	26264-06-2	No
	Calcium Sulfonate Overbased		25-40	Proprietary	No
	Mineral Oil		4-30	64742-52-5	No
	Mineral Oil		0-20	64742-65-0	No
	Mineral Oil		0-40	64742-62-7	No
	Calcium 12-Hydroxystearate		2-4	3159-62-4	No
	Phosphoric Acid, Calcium Salt		1-3	7757-93-9	No
Acetic Acid, Calcium Salt		0-1	62-54-4	No	
<b>SHIPPING INFORMATION</b>	Not Restricted				
<b>PHYSICAL PROPERTIES</b>	<b>Boiling Point/Range</b> °C 500+ °F		<b>Melting Point</b> °C 500+ °F		<b>Freezing Point</b> °C °F
	Specific Gravity (H <sub>2</sub> O=1) 1.05-1.10 @ /16 °C		Vapor Pressure (mm Hg) NA °C °F		Molecular weight (Calculated) NA
	<b>Solubility in H<sub>2</sub>O</b> Negligible		<b>% Volatiles by Volume</b> NA		<b>Evaporation Rate</b> NA <input type="checkbox"/> Either = 1 <input type="checkbox"/> Water = 1 <input type="checkbox"/> Butylacetate =1
	<b>Appearance and Odor</b> Grey Color Smooth Texture and Bland		<b>Other</b>		
<b>FIRE AND EXPLOSION DATA</b>	<b>Flash Point Base Oil</b> °C 500 °F		<b>Test Method</b> D-92		<b>Flammable Limits</b> Lower NA % Upper %
	<b>Autoignition Temperature/Fire Point</b> °C 550 °F				
	<b>EXTINGUISHING MEDIA</b> <input type="checkbox"/> Water-spray <input type="checkbox"/> Water-fog <input type="checkbox"/> Water-stream <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> Dry chemical <input type="checkbox"/> Alcohol foam <input type="checkbox"/> Foam <input checked="" type="checkbox"/> Earth or sand				
	<b>SPECIAL FIRE FIGHTING PROCEDURES</b> <input type="checkbox"/> Do not enter Building <input type="checkbox"/> Allow fire to burn <input checked="" type="checkbox"/> Water may cause frothing <input type="checkbox"/> Do not use water				
<b>REACTIVITY DATA</b>	<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		<b>CONDITIONS CONTRIBUTING TO INSTABILITY</b> <input type="checkbox"/> Thermal decomposition <input type="checkbox"/> Photo degradation <input type="checkbox"/> Polymerization <input type="checkbox"/> Contamination		
	<b>INCOMPATIBILITY - Avoid contact with</b> <input type="checkbox"/> Strong Acids <input type="checkbox"/> Strong Alkalis <input checked="" type="checkbox"/> Strong Oxidizers <input type="checkbox"/> Other (Specify):				
	<b>HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL AND OTHER (list)</b> CO & CO <sub>2</sub> IF INCOMPLETE COMBUSTION. Oxides Of Sulfur				
	<b>CONDITIONS TO AVOID</b> <input type="checkbox"/> Heat <input checked="" type="checkbox"/> Open Flames <input type="checkbox"/> Sparks <input type="checkbox"/> Ignition sources <input type="checkbox"/> Other (specify):				
<b>SPILL OR LEAK</b>	<b>STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED</b> <input type="checkbox"/> Flush with Water <input checked="" type="checkbox"/> Absorb with sand or inert material <input type="checkbox"/> Neutralize <input checked="" type="checkbox"/> Sweep or scoop up and remove <input type="checkbox"/> Keep upwind Evacuate enclosed spaces. <input type="checkbox"/> Prevent Spread or spill				
	<b>WASTE DISPOSAL METHOD - Consult federal, state, or local authorities for proper disposal procedures.</b> <b>ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS.</b>				



<b>TOXICITY INFORMATION</b>	CONDITIONS TO AVOID		
	<b>Excessive Contact</b>		
	PRIMARY ROUTES OF ENTRY <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> SKIN CONTACT <input type="checkbox"/> 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.		
<b>HEALTH HAZARD INFORMATION</b>	<b>NFPA Rating</b>	Health ..... 0 Flammability ..... 1 Reactivity ..... 0 Protective Equipment ..... B	
		<b>NFPA HAZARD RATING CODES</b> Least ..... 0      High ..... 3 Slight ..... 1      Extreme ..... 4 Moderate ..... 2	
	<b>Effects of Exposure</b>	PERMISSIBLE EXPOSURE LIMIT (Specify if TLV/TWA or Ceiling [c])	
		<b>ACGIH 20</b> <b>5mg/m<sup>3</sup> For Mineral Oil</b> <b>OSHA 20</b>	
		IRRITATION <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Severe <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Mild (Transient) <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Severe <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Mild (Transient)	
		CORROSITIVITY <input type="checkbox"/> Skin <input type="checkbox"/> 4 hrs. (DOT) <input type="checkbox"/> 24 hrs (CPSC) <input type="checkbox"/> Eye <input type="checkbox"/> May cause blindness <input checked="" type="checkbox"/> Not Corrosive	
		SENSITIZATION <input type="checkbox"/> Skin <input type="checkbox"/> Respiratory <input checked="" type="checkbox"/> None      INHALATION EFFECTS <input type="checkbox"/> Narcotic effect <input type="checkbox"/> Cyanosis <input type="checkbox"/> Asphyxiant	
		LUNG EFFECTS (Specify):	
		Unknown	
		OTHER (Specify): <input type="checkbox"/> Repeated contact-skin defatter <input type="checkbox"/> Other (Specify) <b>NA</b>	
<b>Emergency First Aid</b>	INGESTION <input type="checkbox"/> Induce vomiting <input checked="" type="checkbox"/> DO NOT induce vomiting <input type="checkbox"/> Give plenty of water <input checked="" type="checkbox"/> Get medical attention <input type="checkbox"/> Other (Specify):		
	DERMAL <input checked="" type="checkbox"/> Flush with soap and water <input type="checkbox"/> Get medical attention <input checked="" type="checkbox"/> Contaminated clothing-remove & launder <input type="checkbox"/> Contaminated shoes - destroy <input type="checkbox"/> Other (Specify)		
	EYE CONTACT <input checked="" type="checkbox"/> Flush with plenty of water for at least 15 minutes <input checked="" type="checkbox"/> Get medical attention <input type="checkbox"/> Other (Specify):		
	INHALATION <input checked="" type="checkbox"/> Remove to fresh air <input type="checkbox"/> If not breathing give artificial respiration <input type="checkbox"/> Give oxygen <input checked="" type="checkbox"/> Get medical attention <input type="checkbox"/> Other (Specify):		
	VENTILATION REQUIREMENTS - Always maintain exposure below permissible exposure limits		
	<input type="checkbox"/> Consult an industrial hygienist or environmental health specialist <input type="checkbox"/> Local exhaust <input checked="" type="checkbox"/> Use with adequate ventilation <input type="checkbox"/> Check for air contamination and oxygen deficiency		
<b>SPECIAL PROTECTION INFORMATION</b>	EYE <input checked="" type="checkbox"/> Safety glasses <input type="checkbox"/> Face Shield <input type="checkbox"/> Goggles      HAND (GLOVE TYPE) <input type="checkbox"/> Polyvinyl chloride <input checked="" type="checkbox"/> Neoprene <input type="checkbox"/> Butyl Rubber <input type="checkbox"/> Natural rubber <input type="checkbox"/> Polyvinyl alcohol <input type="checkbox"/> Polyethylene <input checked="" type="checkbox"/> Other (Specify):		
	RESPIRATOR TYPE - Use only NIOSH / MESA approved equipment <input type="checkbox"/> Self-contained <input type="checkbox"/> Supplied air <input type="checkbox"/> Can or cartridge gas or vapor <input type="checkbox"/> Filter-dust, fume, mist <input checked="" type="checkbox"/> Other (Specify): <b>None Normally Required Oil Resistant</b>		
	OTHER PROTECTIVE EQUIPMENT <input type="checkbox"/> Rubber boots <input type="checkbox"/> Apron <input type="checkbox"/> Other (specify): <b>None Normally Required</b>		
	PRECAUTIONARY NOTES <input checked="" type="checkbox"/> Wash Thoroughly after handling <input checked="" type="checkbox"/> Do not get in eyes, or on clothing <input type="checkbox"/> Do not breathe dust, vapor, mist, gas <input checked="" type="checkbox"/> Keep container closed <input checked="" type="checkbox"/> Keep away from sparks, and open flames <input type="checkbox"/> store in tightly closed containers <input type="checkbox"/> Do not store near Combustibles <input type="checkbox"/> Keep from contact with clothing and other combustible materials <input type="checkbox"/> Empty container may contain hazardous residues <input type="checkbox"/> Use explosion proof equipment <input type="checkbox"/> Other (Specify):		
<b>SPECIAL PRECAUTIONS</b>	Other handling and storage conditions      Do Not Transfer The Material To Unmarked Containers/		
	<b>Use Good Engineering Practices To Establish Ventilation</b>		
Prepared by      Date      Address      Phone <b>Mark Falappi</b> <b>5/10</b> <b>3711 LeHarps Road Youngstown, Ohio 44515</b> <b>(330) 792-1100</b>			
PLEASE NOTE       "The above information is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, Lyden Oil MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should satisfy himself that he has all current data relevant to his particular use."			