



MATERIAL SAFETY DATA SHEET

ADDRESS:
 3711 LeHarms Road
 Youngstown, Ohio 44515
 Emergency Phone Number (s)

Product Identification

Product Name

ProGuard NL1A Plus

Code No.

61,079-460

Business: 330-792-1100

Off Hours: 1-800-362-9410

Date: 12-18-07

Synonyms

none

Chemical Family

Hydrocarbon

Ingredients

MATERIALS OR COMPONENTS	% wt.	CAS NUMBER	CARCINOGEN OSHA or IARC
Mineral Oil	10 - 20	64742-65-0	No
Mineral Oil	80 - 90	8052-42-4	No
Antimony Dialkydithiocarbamate	5 - 6	15890-25-2	No

Shipping Information

Not Restricted

Physical Properties

Boiling Point/Range Deg. C 700 Deg. F	Melting Point Deg. C 350 Deg. F	Freezing Point Deg. C NA Deg. F	Molecular weight (calculated) N/A
Specific Gravity (water=1) 0.92 @ 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	<input type="checkbox"/> Either = 1 <input type="checkbox"/> Water = 1 <input type="checkbox"/> Butylacetate = 1
Appearance and Odor Dark Brown Fluid Petroleum	Other		

Fire and Explosion Data

Flash Point Deg. C 440 Deg. F	Test Method D-92	Flammable limits Lower N/A Upper %	Autoignition temperature/Fire Point Deg C 490 Deg. F
EXTINGUISHING MEDIA			
<input type="checkbox"/> Water Spray	<input checked="" type="checkbox"/> Water - fog	<input type="checkbox"/> Water - Stream	<input checked="" type="checkbox"/> Carbon dioxide
		<input checked="" type="checkbox"/> Dry chemical	<input type="checkbox"/> Alcohol foam
			<input checked="" type="checkbox"/> Foam
			<input checked="" type="checkbox"/> Earth or sand
SPECIAL FIRE FIGHTING PROCEDURES			
<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
UNUSUAL FIRE AND EXPLOSION HAZARDS			
<input type="checkbox"/> Dust Explosion hazard	<input type="checkbox"/> Sensitive to shock	<input type="checkbox"/> Contamination	<input type="checkbox"/> Temperature
			<input checked="" type="checkbox"/> Other None (specify)

Reactivity Data

Stability <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions Contributing to Instability		
	<input type="checkbox"/> Thermal decomposition	<input type="checkbox"/> Photo degradation	<input type="checkbox"/> Polymerization
			<input type="checkbox"/> Contamination
Incompatibility - Avoid Contact With			
<input type="checkbox"/> Strong Acids	<input type="checkbox"/> Strong Alkalis	<input checked="" type="checkbox"/> Strong Oxidizers	<input type="checkbox"/> Other (Specify)

Hazardous Decomposition Products - Thermal and Other (list)
CO & CO2 if Incomplete Combustion

Reactivity Date continued....

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 reprotng requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372)

CAS Number	Chemical Name	Percent by Weight
15890-25-2	Antimony Dialkylidithiocarbamate	5 - 6

Health and Hazzard Information

NFPA Rating		NFPA HAZARD RATING CODES						
Health.....0	Flammability.....1	Reactivity.....0	Protective Equipment..B	Least.....0	Slight.....1	Moderate.....2	High.....3	Extreme.....4

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	<input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Eye	<input checked="" type="checkbox"/> Mild (Transient) <input checked="" type="checkbox"/> Mild (Transient)
Corrosivity	<input type="checkbox"/> Skin <input type="checkbox"/> Eye	<input type="checkbox"/> 4 hrs. (DOT) <input type="checkbox"/> 24 hrs (CPSC) <input checked="" 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):	None	
Other (Specify):	<input type="checkbox"/> Repeated Contact-skin Defatter <input type="checkbox"/> 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)

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

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

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.