



MATERIAL SAFETY DATA SHEET

ADDRESS:

3711 LeHarps Road
Youngstown, Ohio 44515

Emergency Phone Number (s)

Product Identification

Product Name

ProGuard Pre-mix Washer Fluid

Code No.

222

Business: 330-792-1100

Off Hours: 1-800-362-9410

Date: 12-18-07

Synonyms

Methyl Alcohol

Chemical Family

Methanol

Ingredients

MATERIALS OR COMPONENTS	% wt.	CAS NUMBER	CARCINOGEN OSHA or IARC
Water	65 - 75	7732-18-5	No
Methanol	25 - 30	667-56-1	No
			No
			No

Shipping Information

Not Restricted

Physical Properties

Boiling Point/Range 100 Deg. C 212 Deg. F	Auto ignition temperature 463 Deg. C 867 Deg. F	Flammability Classification Class 1 C	Gravity @68 Deg F. 21.1 API
Specific Gravity (water=1) 0.927	Vapor Pressure (mm Hg) N/A 32.9 @ 20 Deg. C	Deg. F	Vapor Density (Air = 1) 0.7
Solubility in Water completely	% Volatiles by Volume 29.9	Hazardous Air Pollutants (H) 29.9 Vol %/277.2 g/L/2.309 lbs/gal	
Appearance and Odor Liquid Blue	Odor Alcohol	Refractive Index: 1.331	Lower Flammable Limit: 7.3
		Evaporation Rate: >1	

Fire and Explosion Data

Flash Point Deg. C 400 Deg. F	Test Method D-92	Flammable limits Lower N/A Upper %	Autoignition temperature/Fire Point Deg C 450 Deg. F
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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 not be effective ☒ Use fog nozzles if using water

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors can cause flash fire. Keep container tightly closed. Isolate from oxidizers, heat, sparks, electrical equipment and open flame. Closed container may explode if exposed to extreme heat. Applying to hot surface requires special precautions. Empty container very hazardous.

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 checked="" type="checkbox"/> Other - heat, sparks, electrical equipment and open flames	

Emergency First Aid

Ingestion

☒ Induce Vomiting ☐ Do Not Induce Vomiting ☐ Give Plenty of Water ☒ Get Medical Attention ☒ Other (specify)

after vomiting, give 2 teaspoons give 2 teaspoonsful of baking soda and water. cCALL PHYSICIAN.

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
☐ Other (specify)

Eye

☐ Face Shield
☐ Goggles
☒ Safety Glasses

Hand (Glove Type)

☐ Polyvinyl Chloride ☒ Neoprene ☐ Butyl Rubber ☐ Polyvinyl Alcohol ☒ Other - Nitrile
☐ Natural Rubber ☒ 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.