<b>À</b> .	Lyden Oil Company
	Oil
	Company

ADDRESS:

Oil Company	MATERIAL SAFETY DATA SHEET				3711 LeHarps Road Youngstown, Ohio 44515	
Digital Section (1999) and the second of the					Emergency Phone Number (s)	
Product Identification				Business: 330-792-1100		
Product Name				Code No.	Off Hours: 1-800-362-9410	
ProGuard Pre-mix Wa	sher Fluid			222	Date: 12-18-07	
Synonyms				•	Chemical Family	
Methyl Alcohol				Methanol		
Ingredients						
MATERIALS OR COMPONEN	TS	% wt.	CAS NUMBER	₹	CARCINOGEN	
					OSHA or IARC	
Water		65 - 75	7732-18-5		No	
Methanol		25 - 30 667-56-1			No	
					No	
					No	
		<u> </u>			<u> </u>	
Shipping Information  Not Restricted						
Physical Properties						
Boiling Point/Range	Auto ignition temperat	ture	Flammability Classifica	tion	Gravityr @68 Deg F.	
		Deg. F Class 1 C			21.1 API	
Specific Gravity (water=1)	Vapor Pressure (mm H			oor Density (Air = 1 0.7		
0.927 N/A 32 Solubility in Water % Volatiles by Volume			32.9 @ 20 Deg. C Deg. F 0 Hazardous Air Pollutants (H			
completely 29.9		29.9 Vol %/277.2 g/L/2.309 lbs/gal				
Appearance and Odor Odor		Refractive Index: 1.331			Lower Flammable Limit: 7.3	
Liquid Blue	Alcohol		Evaporation Rate: >1			
Fire and Explosion Data	: Method Flam	nmable limits		Autoignition	temperature/Fire Point	
Deg. C 400 Deg. F	D-92 Low		N/A Upper	%	Deg C 450 Deg. F	
EXTINQUISHING MEDIA						
Water x Water - Spray fog	Water - Stream	x Carbon dioxide	x Dry chemical	Alcohol foam	x Foam x Earth or sand	
SPECIAL FIRE FIGHTING PROCEDURES						
Do not enter building Allow fire X Water may not be X Use fog nozzle			es if using			
to burn effective water UNUSUAL FIRE AND EXPLOSION HAZARDS						
Vapors can cause flash fire						
Closed container may explode if expo	ised to extreme heat. A	Applying to hot su	irface requires special p	recautions. Empt	y container very hazadous	
Reactivity Data						
Stability  x Stable Unstable	Conditions Contribu	uting to Instability	Photo	Polymerization	on Contamination	
Incompatibility - Avoid Contact With	decomposition		degradation			
Strong Strong Alkalis Acids	x Strong Oxidizers		x Other - heat, spark	ks, electrical equip	ment and open flames	
					Page 1 Of 3	

Hazardous Decomposition Products - Thermal and Other (list)					
Carbon Monoxide, Car	bon Dioxide fr	om burning	<b>;.</b>		
Reactivity Date continued					
CONDITIONS TO AVOID  Heat X Open Flames  Isolate from strong oxidizers such as	Sparks	Ignition Sour		Other (specify)	
Spill or Leak	s permanganaces, em e	mates and peroxic			
Steps to be Taken if material is Rele Flush with x Absorb with Water Sand	Neutralize	x Sweep or Sco up and remo		Evacuate enclosed	Prevent Spread or Spill
Dispose of Immediately	Other (specify)				
Waste Disposal Method - Cor	nsult federal, sta	te or local aut	horities for proper	disposal procedures.	
All Disposals Must Co			• •	•	
Toxicity Information		·			
<u>-</u>	d: Excessive Contact. R	lisk of serious dam	age to eyes. Irritating to t	he eyes, respiratory system and skin	
		•	rreversible effects if		
Provide readily Primary Routes of Entry	accessable eye wash s	tations and saftey	showers. Wash before ea	ting, smoking or using the toilet.	
x Inhalation	x Skin Contact		x Other (specify)	eye entry due to splashing	
				irreversible nervous system damage ion, nausea, vomiting and death.	
Health and Hazzard Infor		vea. Swanowing et	an casac asaoninia in ita	ion, nausca, voiniting and acath.	
NFPA Rating		ΝΕΡΔ ΗΔ7	ZARD RATING CO	DES	
Health1			0	High3	
Flammability3			1	Extreme4	
Reactivity0		Moderate	2		
Health (HMIS)3					
Effects of Exposure			Γ	Т	
Permissible Exposure Limit (S	pecify if TLV/TWA	or Ceiling [c]		Other:	
Methanol TWA 200 p	pm S, TLV 200	ppm S	STEL 250 ppm	HAP - methanol - yes	
Irritation x Skin	x Severe	Moderate	Mild (Transient)		
x Eye	x Severe	Moderate	Mild (Transient)		
Corrositivity Skin x Eye	4 hrs. (DOT) x May Cause Blindr	ness	24 hrs (CPSC) Not Corrosive		
Sensitization	jx jiviay eduse billiar	1033	Inhalation Effects		
x Skin	x Respiratory	None	Narcotic	Cyanosis Asphyxiant	
INHALATION Effect Lung Effects (Specify): Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression.					
Vapor harmful. Breathing vapor car Repeat exposure over TLV can cause	n causeirritation. Acut		•	, .	
SWALLOWING					
Can be fatal or cause blindness if swallowed. Cannot be made non-poisonous. POISON! Can casue irreversible nervous system damage					
and death. Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.					
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Emergency First Aid					
Ingestion			<b>7</b>		
x Induce Vomiting	Do Not Induce Vomiting		Give Plenty of Water	x Get Medical Attention	x Other (specify)
	miting, give 2 teaspoons	give 2 teaspoonsf	ful of baking soda	and water. cCALL PH	YSICIAN.
Dermal  x Flush with Soap  and Water	Get Medical x Attention	Contaminated Clothing-Remove and Launder	,	Contaminated Shoes - destroy	Other (specify)
Eye Contact  x Flush with plenty of v  for at least 15 minute		et Medical ttention	Other (specify)		
fresh air g	f not breathing give artificial espiration	Give Oxygen	Get Medical Attention	Other (specif	y) <b>None</b>
Special Protection Informa	ition				
Ventilation Requirements - Always ma Consult an Individual or environmental he	Hygienist x	ermissible limits. Local Exhaust	x Use with Ader Ventilation	quate	Check for Air Contamination and oxygen deficiency
Eye Face Shield Goggles X Safety Glasses	Cł	olyvinyl x hloride	Neoprene	Butyl Rubber Natural Rubber	Polyvinyl x Other - Nitrile Alcohol x Polyethylene
Respirator Type - Use Only NIOSH/MES  x Self-Contained If ove TLV of 100 ppm		Can or Cartridge Gas or Vapor		Filter-dust Fume, Mist	Other (specify) <b>NONE</b>
Other Protective Equipment  Rubber Boots	Apron O	ther (specify) <b>NO</b>	NE		
Special Precautions	<u> </u>				
Precautionary Notes  x Wash Thoroughly after Handling x Keep Away from Sparks, and Open Fla X Keep From Contact v Clothing and other Combustible Materia	vith	, <u>x</u>	Do not Breathe Dust, Vapor, Mi: Store in Tightly Closed Containe Empty Containe may Contain Hazardous Resid	er r	x Keep Container Closed x Do Not Store Near Combustables Use Explosion Proof Equipment Other (specify):
Other Handling and Storage Cor	nditions - NO SPECIA	L CONDITIONS			
•	ny, Inc. believes this bility of the user to o pressed or Implied is	determine suit			
Up-Dated : 2-22-08					Page 3 of 3