



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	PMO FG 100 Food Grade Proofer Chain Lubricant
Other/generic names:	Severely hydro-treated Mineral Oil/ Ester blend
Product use:	For H-1 use for food, packaging and pharmaceutical industries where incidental contact with food may occur.
Manufacturer:	
In case of emergency:	

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A liquid with slight odor. Not considered hazardous under most foreseeable circumstances. Can be ignited at elevated temperatures but is not considered "flammable".

Potential Health Hazards

Considered not hazardous under the OSHA Hazard Communication Standard.

Skin:	Not expected to be irritating.
Eyes:	May be mildly irritating.
Inhalation:	Not normally considered irritating.
Ingestion:	Not normally considered irritating.
Delayed effects:	None anticipated

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

Ingredient Name	NTP Status	IARC Status	OSHA List
No ingredients listed in this section.		=	=

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Weight %
Mineral oil/Ester Blend	Trade secret	100

Trace impurities and additional material names not listed above may also appear in Section 15 toward the end of the MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

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4. FIRST AID MEASURES

Skin:	Wash with soap and water.
Eyes:	Rinse in running water for up to 15 minutes. Get medical assistance if irritation develops.
Inhalation:	Remove to fresh air. Get medical assistance if irritation develops or for any other symptom.
Ingestion:	Do not induce vomiting. Get medical assistance for discomfort or any other symptom.
Advice to physician:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point & Method	>375 °F Cleveland Open Cup
Autoignition Temperature:	Not established
Lower/Upper Flame Limits	Not established
Flame Propagation Rate (solids):	Not applicable
OSHA Flammability Class:	IIIB

Extinguishing Media:	Use foam, carbon dioxide, dry chemical or water spray. Solid water streams may spread burning liquid.
Unusual Fire And Explosion Hazards:	Burning liquid produces toxic and irritating fumes. Burning liquid may also float on water.
Special Fire Fighting Precautions/Instructions:	Wear self contained breathing apparatus. Avoid prolonged contact with liquid.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE: Wear proper protective clothing. Pick up spilled articles and place into container. Small spills: Absorb spilled material with clay or other inert absorbent. Place into drums for disposal. (See section 13). Large spills: Dike spilled material with clay or soil. Pump into containers for disposal. Do not allow liquid to enter sewers or waterways. Report large spills to local authorities as appropriate or required.

7. HANDLING AND STORAGE

Normal Handling:	Avoid contact with skin and eyes. Do not breathe product mists.
Storage Recommendations:	Store in a clean, dry area and keep containers closed. Do not store with oxidizing agents.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: General mechanical ventilation is sufficient for most circumstances. Local exhaust may be required if product mists are formed.

Personal Protective Equipment

Skin Protection:	Wear neoprene or other oil resistant impervious gloves.
Eye Protection:	Where splashing is possible, wear safety glasses with eye shield as good safety practice.
Respiratory Protection:	Not normally required for properly ventilated areas
Additional Recommendations:	A source of running water. May include safety shower or eyewash.

Exposure Guidelines

Ingredient Name	ACGIH TLV	OSHA PEL	Other *
No ingredients listed in this section.	None	None	None

* = NIOSH REL

** = Workplace Environmental Exposure Level (AIHA).

*** = Biological Exposure Index (ACGIH).

Other Exposure Limits For Potential Decomposition Products: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless
Physical State:	Liquid
Molecular Weight:	Mixture
Chemical Formula:	Mixture
Odor:	Slight odor
Specific Gravity (water = 1.0):	0.90
Solubility In Water (wt. %):	Negligible
Boiling Point:	Not determined
Viscosity	100 cSt @ 40 °C
Flash Point	>375 °F
Autoignition Temperature	Not established
Lower/Upper Flame Limits	Not established

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10. STABILITY AND REACTIVITY

Normally Stable? (Conditions To Avoid):	Normally stable.
Incompatibilities:	Avoid contact with strong oxidizers.
Hazardous Decomposition Products:	No data available.
Hazardous Polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Immediate (acute) effects:

Product has not been tested as a mixture but most components are of low oral toxicity.

Delayed (subchronic and chronic) effects:

Based upon ingredients, no effects anticipated.

Other Data: None listed.

12. ECOLOGICAL INFORMATION

Not anticipated to be harmful to aquatic species. However, do not discharge into natural waterways.

13. DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded?	No
If yes, the RCRA ID number is:	

Other Disposal Considerations: Observe all Federal, State, and Local Environmental regulations.

Do not send this product to a landfill. It is recommended that this product be incinerated in a licensed facility.

The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORT INFORMATION

US DOT Proper Shipping Name:	Not regulated
US DOT Hazard Class & Packing Group:	Not regulated
US DOT ID Number:	Not regulated

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For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA)

TSCA Inventory Status:	All ingredients are listed on the TSCA chemical inventory.
Other TSCA Issues:	None

SARA Title III/CERCLA

Reportable Quantities (RQs) and/or Threshold Planning Quantities (TPQs) exist for the following ingredients.

Ingredient Name	SARA/CERCLA RQ (lb)	SARA EHS TPQ (lb)
No ingredients listed in this section.	-----	-----

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

Section 311 Hazard Class: Immediate

SARA 313 Toxic Chemicals:

The following metallic components are listed as SARA 313 "Toxic Chemicals" and potential subject to annual SARA 313 reporting. Weight percents are found in Section 3.

Ingredient Name	Comment
None	

State Right-To-Know

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

Ingredient Name	Weight %	Comment
None		

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Other Regulatory Information:

WHMIS Classification (Canada):	Not a controlled product. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.
Foreign Inventory Status:	All ingredients listed on the Canadian DSL.

16. OTHER INFORMATION

HMIS Ratings (HMIS III)	Health 0, Fire 1, Reactivity 0
Current Issue Date:	January 23, 2009
Previous Issue Date:	
Changes To MSDS From Previous Issue Date Are Due To The Following:	New MSDS format with editorial changes in most sections.
MSDS prepared by	