

SAFETY DATA SHEET

Film Forming Lubricant

1. Product and Company Identification

Product Code: 101EU
Product Name: Film Forming Lubricant
Company Name: Balmar, LLC
616 W. Pont Des Mouton Rd.
Lafayette, LA 70507-4002
Phone Number: (337)232-2496
Email address: Info@oilcenter.com
Emergency Contact: 01-703-527-3887

2. Hazards Identification

Skin Corrosion/Irritation, Category 3

GHS Signal Word: Warning
GHS Hazard Phrases: H316 - Causes mild skin irritation.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: P332+313 - If skin irritation occurs, get medical advice/attention.
GHS Storage and Disposal Phrases: No phrases apply.
Potential Health Effects (Acute and Chronic): Chronic inhalation may cause effects similar to those of acute inhalation.
Inhalation: May cause allergic respiratory reaction. May cause asthmatic attacks due to allergic sensitization of the respiratory tract.
Skin Contact: Causes skin irritation. May cause hives. May cause dermatitis.
Eye Contact: May cause severe eye irritation.
Ingestion: May cause irritation of the digestive tract. Ingestion may cause allergic.

3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)	Concentration	
NA	Mineral Oil	64.0 - 81.0 %	
NA	Thickener	4.00 - 9.00 %	
NA	Coloring agent	0.800 - 4.50 %	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

In Case of Ingestion: Call a poison control center. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical aid.

Note to Physician: Treat symptomatically and supportively.

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5. Fire Fighting Measures

Flash Pt:	> 232 F	Method Used:	Setaflash Open Cup
Explosive Limits:	LEL: No data.	UEL:	No data.
Autoignition Pt:	NA		
Suitable Extinguishing Media:	For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.		
Fire Fighting Instructions:	Dusts at sufficient concentrations can form explosive mixtures with air. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.		
Flammable Properties and Hazards:	No data available.		

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Provide ventilation.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Use with adequate ventilation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.
Precautions To Be Taken in Storing:	Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Mineral Oil	No data.	No data.	No data.
NA	Thickener	No data.	No data.	No data.
NA	Coloring agent	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	No data.

Respiratory Equipment (Specify Type):	No data available.
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Protective Gloves:	Wear appropriate gloves to prevent skin exposure.
Other Protective Clothing:	Wear appropriate protective clothing to minimize contact with skin.
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

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9. Physical and Chemical Properties

Physical States:	[] Gas [] Liquid [X] Solid
Appearance and Odor:	Paste. Petroleum-like. Appearance: tan.
Melting Point:	No data.
Boiling Point:	No data.
Autoignition Pt:	NA
Flash Pt:	> 232 F Method Used: Setaflash Open Cup
Explosive Limits:	LEL: No data. UEL: No data.
Specific Gravity (Water = 1):	0.893 at 77.0 F
Density:	7.29 LB/GAL at 77.0 F
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.
Evaporation Rate:	No data.
Solubility in Water:	< 1
Percent Volatile:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials.
Incompatibility - Materials To Avoid:	Acacia precipitates or gels when added to ferric salts, borax, basic lead acetate, Alcohols, sodium silicate.
Hazardous Decomposition Or Byproducts:	Carbon monoxide.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information:	Epidemiology: No data available. Teratogenicity: No data available.
Carcinogenicity/Other Information:	CAS# 9000-01-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Mineral Oil	n.a.	n.a.	n.a.	n.a.
NA	Thickener	n.a.	n.a.	n.a.	n.a.
NA	Coloring agent	n.a.	2B	A4	n.a.

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12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material()

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: No information available.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: No information available.

UN Number:

Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not regulated as a hazardous material

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not regulated as a hazardous material

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	Mineral Oil	No	No	No
NA	Thickener	No	No	No
NA	Coloring agent	No	No	No

This material meets the EPA Yes No **Acute (immediate) Health Hazard**
'Hazard Categories' defined Yes No **Chronic (delayed) Health Hazard**
for SARA Title III Sections Yes No **Fire Hazard**
311/312 as indicated: Yes No **Sudden Release of Pressure Hazard**
 Yes No **Reactive Hazard**

CAS #	Components (Chemical Name)	Other US EPA or State Lists
NA	Mineral Oil	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No
NA	Thickener	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: No
NA	Coloring agent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes; MA Oil/HazMat: No; NJ EHS: Yes; NY Part 597: No; PA HSL: Yes - 1

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NA	Mineral Oil	Canadian DSL: Yes; REACH: Yes - (R), (P), C2
NA	Thickener	Canadian DSL: Yes; REACH: Yes - (P)
NA	Coloring agent	Canadian DSL: Yes; REACH: Yes - (R), (P)

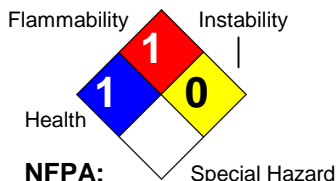
16. Other Information

Revision Date: 02/08/2016

Hazard Rating System:

HEALTH		1
FLAMMABILITY		1
PHYSICAL		0
PPE		B

HMIS:



Additional Information About This Product: No data available.

Company Policy or Disclaimer:

The information contained here is based upon data available to us and reflects our best professional judgment. Since it is impossible to anticipate the conditions under which our products may be used, we cannot guarantee that the recommendations will be adequate for all individuals and situations. Each user of this product should determine the suitability of the product with zero or minimum hazards. Our products are improved daily as up-to-date information and research data is received from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.