

## Film Forming Lubricant REACH APPROVED

Revision: 06/06/2023

Supersedes Revision: 01/21/2021

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2020/878; US OSHA HCS 2015; and Canadian WHMIS 2015.

## Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** 101EU  
**Product Name:** Film Forming Lubricant REACH APPROVED
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**  
**Company Name:** Oil Center Research International, LLC **Phone Number:** (337)993-3559  
106 Montrose Avenue  
Lafayette, LA 70503 United States of America
- 1.4 Emergency telephone number:**  
**Emergency Contact:** 01-703-527-3887

## Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**  
Skin Corrosion/Irritation, Category 3
- 2.2 Label Elements:**
- GHS Signal Word:** Warning
- Hazard-determining components of labelling:**
- GHS Hazard Phrases:**  
H316 - Causes mild skin irritation.
- GHS Precautionary 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.
- UFI:**
- 2.3 Adverse Human Health** Chronic inhalation may cause effects similar to those of acute inhalation.  
**Effects and Symptoms:**
- 2.3.1 Inhalation:** May cause allergic respiratory reaction. May cause asthmatic attacks due to allergic sensitization of the respiratory tract.
- 2.3.2 Skin Contact:** Causes skin irritation. May cause hives. May cause dermatitis.
- 2.3.3 Eye Contact:** May cause severe eye irritation.
- 2.3.4 Ingestion:** May cause irritation of the digestive tract. Ingestion may cause allergic.

## Section 3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
NA	Mineral Oil Trade Secret	64.0 -81.0 %	NA NA	Carcinogen 1B: H350
NA	Thickener NA	4.0 -9.0 %	NA NA	STOT (RE) 2: H373

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NA	Coloring agent Trade Secret	0.8 -4.5 %	NA NA	Eye Damage 2B: H320 Carcinogen 2: H351
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## Section 4. First Aid Measures

## 4.1 Description of First Aid

**Measures:**

**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 for the Doctor:** Treat symptomatically and supportively.

## Section 5. Fire Fighting Measures

**5.1 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.

**5.2 Flammable Properties and Hazards:** No data available.

No data available.

**Flash Pt:** > 111.2 C (> 232.22 F) Method Used: Setaflash Open Cup

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** NA

**5.3 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.

## Section 6. Accidental Release Measures

**6.1 Protective Precautions,** No data available.

**Protective Equipment and Emergency Procedures:**

**6.2 Environmental Precautions:** No data available.

**6.3 Methods and Material For Containment and Cleaning Up:** 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.

## Section 7. Handling and Storage

**7.1 Precautions To Be Taken in Handling:** Use with adequate ventilation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

**7.2 Precautions To Be Taken in Storing:** Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.

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## Section 8. Exposure Controls/Personal Protection

## 8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
NA	Coloring agent	ACGIH TLV	TLV: 10 mg/m3	
		France VL	TWA: 10 mg/m3	
		OSHA PELs	PEL: 15 (dust) mg/m3	
		Britain EH40	TWA: 10 mg/m3 (Particulate)	

## 8.2 Exposure Controls:

**8.2.1 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.

## 8.2.2 Personal protection equipment:

**Personal Protective Equipment Symbols:**



**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.

**Respiratory Equipment (Specify Type):** No data available.

No data available.

**Exposure Scenarios:** No data available.

## Section 9. Physical and Chemical Properties

## 9.1 Information on Basic Physical and Chemical Properties

**Physical States:** [ ] Gas [ ] Liquid [ X ] Solid

**Appearance and Odor:** Paste.  
Mild Petroleum.  
Appearance:  
green.

**pH:** No data.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Pt:** > 111.2 C (> 232.22 F) Method Used: Setaflash Open Cup

**Evaporation Rate:** No data.

**Saturated Vapor Concentration:** No data.

**Flammability (solid, gas):** No data available.

**Explosive Limits:** LEL: No data. UEL: No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

No data.

**Vapor Density (vs. Air = 1):** No data.

**Specific Gravity (Water = 1):** 0.916 - 0.976 at 25.0 C ( 77.0 F)

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**Density:** 7.65 - 8.15 LB/GAL at 25.0 C ( 77.0 F)  
**Solubility in Water:** < 1  
**Octanol/Water Partition Coefficient:** No data.  
**Autoignition Pt:** NA  
**Decomposition Temperature:** No data.  
**Viscosity:** No data.

**9.2 Other Information****9.2.1 Information with regard to physical hazard classes**

Information with regard to  
primary physical hazard:

**9.2.2 Other safety characteristics****Section 10. Stability and Reactivity**

**10.1 Reactivity:** No data available.

**10.2 Stability:** Unstable [ ] Stable [ X ]

**10.3 Conditions To Avoid - Hazardous Reactions:** No data available.

**Possibility of Hazardous Reactions:**  
 Will occur [ ] Will not occur [ X ]

**10.4 Conditions To Avoid - Instability:** Incompatible materials.

**10.5 Incompatibility - Materials To Avoid:** Acacia precipitates or gels when added to ferric salts, borax, basic lead acetate, Alcohols, sodium silicate.

**10.6 Hazardous Decomposition or Byproducts:** Carbon monoxide.

**Section 11. Toxicological Information**

**11.1 Information on Toxicological Effects:** 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.

**Section 12. Ecological Information**

**12.1 Toxicity:** No data available.

**12.2 Persistence and Degradability:** No data available.

**12.3 Bioaccumulative Potential:** No data available.

**12.4 Mobility in Soil:** No data available.

**12.5 Results of PBT and** No data available.

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vPvB assessment:

12.6 Other adverse effects: No data available.

## Section 13. Disposal Considerations

**13.1 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.

## Section 14. Transport Information

## 14.1 LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not regulated as a hazardous material**DOT Hazard Class:****UN/NA Number:**

## 14.1 LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** No information available.**UN Number:****Hazard Class:****TDG Classification:**

## 14.1 LAND TRANSPORT (European ADR/RID):

**ADR/RID Shipping Name:** No information available.**UN Number:****Hazard Class:**

## 14.2 MARINE TRANSPORT (IMDG/IMO):

**IMDG/IMO Shipping Name:** Not regulated as a hazardous material**UN Number:****Packing Group:****Hazard Class:**

## 14.3 AIR TRANSPORT (ICAO/IATA):

**ICAO/IATA Shipping Name:** Not regulated as a hazardous material**UN Number:****Packing Group:****Hazard Class:**

## Section 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 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Acute toxicity (any route of exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard

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<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS #	Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
NA	Mineral Oil	No	No	Yes
NA	Thickener	No	No	Yes
NA	Coloring agent			Yes

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: Canc.; MA Oil/HazMat: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1

CAS #	Components (Chemical Name)	International Regulatory Lists
NA	Mineral Oil	REACH: Yes - (R): Full, (P), C2
NA	Thickener	REACH: Yes - (P)
NA	Coloring agent	REACH: Yes - (R): Full, (P)

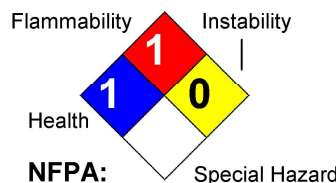
## Section 16. Other Information

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Hazard Rating System:

HEALTH		1
FLAMMABILITY		1
PHYSICAL		0
PPE		B

HMIS:



Additional Information About No data available.

This Product:

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 obtained from our suppliers in our quest to use products with less or no hazards. Please feel free to contact us for current information.