



REVISION DATE: JAN 2014

Safety Data Sheet

Telephone Number.....314.298.2662
Fax Number.....314.298.3420
Chemtrec Emergency Number.....800.424.9300
LaFrance Mfg Co, 124 Millwell Dr, Maryland Heights, MO 63043

Identification

Product Information: Oil-based lubricant (paste)
Product Name: **FRANLUBE 100A (LUBT2)**
Recommended Use: Anti-seize lubricant
Application Method: Brush
Supplied By: LaFrance Mfg. Co.
Emergency Telephone: 800.424.9300
Product Code: #7761
Data sheet Coordinator: Quality Control Director

Hazard(s) identification

Emergency Overview: Combustible material, F.P. > 350°F, Class IIIB

Classification

Symbol(s) of Product

Signal Word

NONE

GHS Named Chemicals On Label:

GHS Hazard Statements:

GHS Precautionary Statements:

P280 Wear protective gloves and eye protection.
P301+P310 IF SWALLOWED: Call physician immediately
P302+P352 IF ON SKIN: Wash with soap and water.
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.
P305+P315+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.
P313+P333 If skin irritation or rash occurs: Get medical attention.
P363 Wash contaminated clothing before reuse.
P401 Store under controlled temperatures - Range 35°F to 100°F.

Composition/information on ingredients

<u>Chemical Name</u>	<u>WT. %</u>	<u>CAS-No</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
SILICONE OIL	60 - 70	63148-62-9		
MOLYBDENUM DISULFIDE	20 - 30			
SILICA	1 - 10	112945-52-5		

The ingredients contained in this product and the final product itself were manufactured without the use of ozone depleting chemicals.

First-aid measures

- First Aid - Inhalation** Remove to fresh air and call physician.
- First Aid - Skin Contact** Wash with soap and water. Wash contaminated clothes before reuse.
- First Aid - Eye Contact** Flush with large amounts of water for 15 minutes. Call physician.

Fire-fighting measures

- Unusual Fire and Explosion Hazards:** None
- Special Firefighting Procedures:** Use fog nozzles if water is used. Use air-supplied breathing mask.
- Extinguishing Media:** NFPA Class B extinguishers (CO₂ or foam)

Accidental release measures

Environmental Precautions: Contain any spills immediately and dike area to prevent spreading. Package and dispose of in appropriate landfill.

Steps to be Taken in Case Material is Released or Spilled: Use personal protective equipment as necessary. Dike to prevent entering sewer or waterways. Transfer liquid to holding container. Dispose of in accordance with all local, state, and federal regulations. Neutralizing chemicals are not required.

Handling and storage

Handling: **Combustible liquid!** Minimize skin contact. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles, including shoes, that cannot be decontaminated. Do not transfer to unmarked containers. Keep containers closed when not in use to reduce evaporation. Never use pressure to empty container as this may rupture container.

Storage: **Combustible liquid!** Store under controlled temperatures - Range 35°F to 100°F.

Exposure controls/personal protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
SILICONE OIL	5 (MIST)		5 (MIST)	N.E.
SILICA	20 (m _{ppcf})			

MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



Respiratory Protection: NIOSH approved respirator for organic vapours below TLV.



Eye Protection: Safety glasses, goggles, or face shield. Wear as appropriate: Safety glasses with side-shields.



Skin Protection: Chemical-resistant gloves. Use other clothing and/or equipment to minimize skin contact.

Physical and chemical properties

Boiling Point	N.A.
Freeze Point	N.A.
pH	N.A.
Specific Gravity (H ₂ O = 1)	0.90 - 0.95
Vapor Pressure	N.A.
Vapor Density (air = 1)	N.A.
Solubility in water	No
% Volatiles by weight	< 35
Evaporation Rate (BuAc = 1)	N.A.
Appearance	Black Paste
Physical State	Paste
Odor	Mild
Flash Point (Test Method)	> 350°F (COC)
Decomposition Temp.	N.I.
Combustibility	SUPPORTS

Stability and reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: Heat, open flames, oxidizing agents

Incompatibility: None

Hazardous Decomposition Products: Carbon monoxide during combustion

Toxicological Information

Effects of overexposure - Inhalation: Exposure to vapours or mist of this product may cause pulmonary irritation.

Effects of overexposure - Skin Contact: Prolonged or repeated skin contact may cause skin disorders such as dermatitis, or oil acne.

Effects of overexposure - Eye Contact: Eye irritation may occur.

Effects of overexposure - Ingestion: Nausea and diarrhea may occur.

Carcinogenicity: None

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
63148-62-9	SILICONE OIL	N.D.	N.D.	N.D.
112945-52-5	SILICA	>10000mg/kg (rat)	>5000mg/kg (rabbit)	

Ecological Information

N.I.

Disposal Considerations

Product

Disposal Method: Spillages or uncontrolled discharges into watercourses must be reported to Environmental Agency. Can be disposed of as a solid waste. Vacuum or sweep up liquid product and place in a disposal container.

Steps to be Taken in Case Material is Released or Spilled: Use personal protective equipment as necessary. Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Dispose of material in accordance with all local, state, and federal regulations.

Transport information

Special Transport Precautions: Combustible liquid, N.O.S., FP . 200°F

DOT Shipping Name: Petroleum distillates

Hazardous Ingredients(s): None

DOT Hazard Class: Item 155250 Class 65

UN Number: NA #1993 PGIII

Regulatory Information

U.S. Federal Regulations:

COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

ALL COMPONENTS ARE INCLUDED IN THE EPA TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY

Canadian WHMIS:

WHMIS RATING (CANADA)

CLASS B: Combustible Liquid

CLASS D-2B: Material causing other toxic effects.

CEPA DSL: Listed on inventory

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Other Information, including date of preparation or last revision

Revision Date: January 2014

Supersedes Date: January 2013

Reason for Revision: Biennial occurrence

Data Sheet Produced by: Regulatory Department

HMIS Ratings (US)

HEALTH	1	FLAMMABILITY	1	PHYSICAL HAZARD	0	PERSONAL PROTECTION	B
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Volatile Organic Compounds, gr/ltr: 887

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

Disclaimer

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