

Safety Data Sheet
LUBRIPLATE®
Revision Date: 10/15/18



Prepared according to Global Harmonized System (GHS) standards

SECTION 1		CHEMICAL PRODUCT IDENTIFICATION
Cat Pumps 1681 94th Lane NE., Minneapolis, MN 55449-4324 Tel: 763-780-5440		
Product Trade Name:	LUBRIPLATE®	
CAS Number:	Mixture	
Synonyms/Other:	N/A	
Part Number(s):	997657, 997638	
Recommended Use:	Petroleum lubricating oil (Food Grade)	
Restrictions on Use:	Not determined.	
Created Date:	11/20/2014	
Preparation/Revision Date:	10/15/2018	
Emergency Phone Number:	1-800-424-9300 (CHEMTREC)	
SDS CODE:		

SECTION 2		HAZARD IDENTIFICATION
Appearance:		
Odor:	Petroleum	
Classification:	Not classified.	
Target Organs:	Not available.	
Pictogram(s):	None required.	
Signal Word:	No signal word.	
Hazard Statement:	No known significant effects or critical hazards.	
Other Hazards:	Not determined.	
Prevention:	Not applicable.	
Response:	Not applicable.	
Storage Procedures:	Not applicable.	
Disposal:	Not applicable.	
Other:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.	

SECTION 3		COMPOSITION OF INGREDIENTS	
Substance/Mixture:	Substance		
Other Means of Identification:	Not available.		
CAS Number/Other Identifiers			
CAS Number:	Not available.		
Product Code:	NSF: 122674/122689/122666/122672		
Ingredient Name	Other Names	%	CAS Number
White mineral oil (petroleum)	White mineral oil (petroleum)	100	8042-47-5

Any concentration shown as a range is to protect confidentiality or due to batch variation.

There is no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

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SECTION 4	FIRST AID MEASURES
Eye Contact:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Skin Contact:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Ingestion:	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most Important Symptoms/Effects, Acute and Delayed

Potential Acute Health Effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye Contact:	No specific data.
Inhalation:	No specific data.
Skin Contact:	No specific data.
Ingestion:	No specific data.

Indication of immediate medical attention and special treatment needed. (If necessary)

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments:	No specific treatment.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.
See toxicological information (Section 11)	

SECTION 5	FIRE FIGHTING MEASURES
Extinguishing media	
Suitable extinguishing media:	Use dry chemical, CO ₂ , alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing media:	Do not use water jet.
Specific hazards arising from the chemical:	In fire or if heated, a pressure increase will occur and the container may burst.
Hazardous thermal decomposition products:	Decomposition products may include the following materials: - carbon dioxide - carbon monoxide - sulfur oxides
Special protective actions for fire-fighters:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Autoignition temperature:	Not determined.
Explosion data:	Not determined.

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SECTION 6		ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment and emergency procedures		
For non-emergency personnel:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.	
For emergency responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".	
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	
Methods and materials for containment and cleaning up		
Small spill:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.	
Large spill:	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.	
SECTION 7		HANDLING AND STORAGE
Precautions for safe handling		
Protective measures:	Put on appropriate personal protective equipment (see Section 8).	
Advice on general occupational hygiene:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.	
Conditions for safe storage, including any incompatibilities:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.	
Additional information:		
SECTION 8		EXPOSURE CONTROLS / PERSONAL PROTECTION
Control Parameters		
Occupational exposure limits		
Ingredient name	Exposure limits	
White mineral oil (petroleum)	ACGIH TLV (United States, 6/2013) . TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction NIOSH REL (United States, 10/2013) . TWA: 5 mg/m ³ 10 hours. Form: Mist STEL: 10 mg/m ³ 15 minutes. Form: Mist OSHA PEL (United States, 2/2013) . TWA: 5 mg/m ³ 8 hours.	
Appropriate engineering controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.	

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SECTION 8 continued		EXPOSURE CONTROLS / PERSONAL PROTECTION
Individual protection measures		
Hygiene measures:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	
Eye/face protection:	Safety eye wear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side- shields.	
Skin protection		
Hand protection:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.	
Body protection:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	
Other skin protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	
Respiratory protection:	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.	
SECTION 9		PHYSICAL AND CHEMICAL PROPERTIES
Appearance		
Physical state :	Liquid. [oil [Transparent]]	
Color:	Water white	
Odor:	Mineral oil.	
Odor threshold:	Not available.	
pH:	Not available.	
Melting point:	-43 to -18° C (-45.4 to -0.4° F)	
Initial boiling point:	>288° C (>550.4° F)	
Boiling range:	Not determined.	
Flash point:	Open cup: 168 to 266° C (334.4 to 510.8° F) [Cleveland.]	
Evaporation rate:	<0.01 (butyl acetate = 1)	
Flammability (solid, gas):	Not applicable.	
Upper flammable limit:	Upper: 7%	
Lower flammable limit:	Lower: 0.9%	
Vapor pressure:	<0.0013 kPa (<0.01 mm Hg)	
Vapor density:	>5 [Air = 1]	
Relative density:	0.86 to 0.88 [Water = 1]	
Solubility:	Insoluble in the following materials: cold water and hot water.	
Solubility in water:	Not available.	
Partition coefficient: n-octanol/water	Not available.	
Auto-ignition temperature:	188 to 290° C (370.4 to 554° F)	

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SECTION 9 continued	PHYSICAL AND CHEMICAL PROPERTIES
Decomposition temperature:	Not available.
SADT:	Not available.
Viscosity:	Kinematic (40° C (104° F): 0.19 to 1.09 cm ² /s (19 to 109 cSt)
Physical/chemical properties comments:	Kinematic viscosity 100° C (212° F): 0.04 to 0.12 cm ² /s (4 to 12 cSt)

SECTION 10	STABILITY AND REACTIVITY
Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerization will not occur.
Conditions to avoid:	Keep away from heat, sparks and flame. Keep away from all sources of ignition.
Incompatible materials:	Reactive or incompatible with the following materials: oxidizing materials, acids and alkali.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Other:	Not applicable.

SECTION 11	TOXICOLOGICAL INFORMATION
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Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
White mineral oil (petroleum)	LD50 Oral	Rat	>5000 mg/kg	—

Conclusion/Summary FMO-85: Aspiration hazard if swallowed. Can enter lungs and cause damage. (Viscosity ≤0.205 cm²/s)

Irritation/Corrosion:	Not available.
Sensitization:	Not available.
Mutagenicity:	Not available.
Carcinogenicity:	Not available.
Reproductive toxicity:	Not available.
Teratogenicity:	Not available.
Specific target organ toxicity (single exposure):	Not available.
Specific target organ toxicity (repeated exposure):	Not available.
Aspiration hazard:	Not available.
Information on the likely routes of exposure:	Not available.

Potential acute health effects

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

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SECTION 11 continued		TOXICOLOGICAL INFORMATION	
Symptoms related to the physical, chemical and toxicological characteristics			
Eye Contact:	No specific data.		
Inhalation:	No specific data.		
Skin Contact:	No specific data.		
Ingestion:	No specific data.		
Delayed and immediate effects and also chronic effects from short and long term exposure			
Short term exposure			
Potential immediate effects	Not available.		
Potential delayed effects	Not available.		
Long term exposure			
Potential immediate effects	Not available.		
Potential delayed effects	Not available.		
Potential chronic health effects			
General	No known significant effects or critical hazards.		
Carcinogenicity	No known significant effects or critical hazards.		
Mutagenicity	No known significant effects or critical hazards.		
Teratogenicity	No known significant effects or critical hazards.		
Developmental effects	No known significant effects or critical hazards.		
Fertility effects	No known significant effects or critical hazards.		
Numerical measures of toxicity			
Acute toxicity estimates			
Not available.			

SECTION 12		ECOLOGICAL INFORMATION	
Toxicity:	Not available.		
Fish:	Not available.		
Invertebrates:	Not available.		
Aquatic plants:	Not available.		
Microorganism:	Not available.		
Persistence/Degradability:	Not available.		
Bioaccumulation Potential			
Ingredient name	Log Pow	BCF	Potential
White mineral oil (petroleum)	>6	-	High
Mobility in soil			
Soil/water partition coefficient (K _{oc})	Not available.		
Other adverse effects	No known significant effects or critical hazards.		

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SECTION 13	DISPOSAL CONSIDERATIONS
Disposal methods:	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14	TRANSPORT INFORMATION		
	DOT Classification	IMDG	IATA
UN number:	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name:	–	–	–
Transport hazard class(es):	–	–	–
Packing group:	–	–	–
Environmental hazards:	No.	No.	No.
Additional information:	–	–	–
Special precautions for user:	Transport within user's premises always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.		
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.		

SECTION 15	REGULATORY INFORMATION
U.S. Federal Regulation	United States inventory (TSCA 8b): All components are listed or exempted.
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	Not listed.
Clean Air Act Section 602 Class I Substances	Not listed.
Clean Air Act Section 602 Class II Substances	Not listed.
DEA List I Chemicals (Precursor Chemicals)	Not listed.
DEA List II Chemicals (Essential Chemicals)	Not listed.
SARA 302/304	
Composition/information on ingredients	No products were found.
SARA 304 RQ	Not applicable.
SARA 311/312	
Classification	Not applicable.
Composition/information on ingredients	

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SECTION 15 continued		REGULATORY INFORMATION				
Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
White mineral oil (petroleum)	100	No.	No.	No.	No.	No.
SARA 313	Not applicable.					
State regulations						
Massachusetts	None of the components are listed.					
New York	None of the components are listed.					
New Jersey	The following components are listed: OIL MIST, MINERAL, MINERAL OIL (HIGHLY REFINED)					
Pennsylvania	None of the components are listed.					
California Prop. 65	None of the components are listed.					

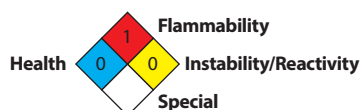
SECTION 16	OTHER INFORMATION		
Hazardous Material Information System (U.S.A.)	Health*	Flammability	Physical Hazards
	0	1	0

Caution HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

*Indicates information that has changed from previously issued version.

National Fire Protection Association (U.S.A.)



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History

Date of issue/Date of revision:	11/20/2014
Date of previous issue:	No previous validation.
Version:	1

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SECTION 16 continued	OTHER INFORMATION
Key to abbreviations:	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labeling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations
References	HCS (U.S.A.)- Hazard Communication Standard International transport regulations
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