

SAFETY DATA SHEETS

This SDS packet was issued with item:

078233577

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078326951

MSDS Material Safety Data Sheet



Surgical Instrument Lubricant Milk

Jorgensen Laboratories, Inc.
1450 North Van Buren Ave.
Loveland, CO 80538

Product Codes: J648
Effective Date: **SEP 25 2009**

All non-emergency questions may be directed to customer service @ (970)669-2500 or fax (970)663-5042

PRODUCT IDENTIFICATION

Product Name: Surgical Instrument Lubricant Milk
Appearance: White, milk like liquid
Odor: Slight oleic odor
Chemical Description: Polymeric Lubricant Concentrate

Ratings	NFPA	HMIS
Health	1	1
Fire	0	0
Reactivity	0	0

HAZARDOUS COMPONENT INFORMATION

No Hazardous components as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200.

HAZARDS IDENTIFICATION

Primary Route of Entry: Skin, eyes, nose and mouth.
Potential Health Effects: *Signs and Symptoms of Exposure:*
Eyes: Can cause slight irritation to eyes.
Skin: Concentrate can cause mild irritation. Diluted product is not irritating.
Ingestion: Large amounts of concentrate may be harmful.
Inhalation: Vapors from concentrate may irritate eyes and respiratory tract. Diluted product is practically non-irritating.

FIRST AID PROCEDURES

Eyes: Following eye contact, flush eyes immediately with plenty of water for 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention if irritation occurs.
Skin: Wash area immediately with plenty of water. Irritation is minimized by reducing exposure time.
Ingestion: Do not induce vomiting. Do not give anything to drink. Get medical attention immediately.
Inhalation: Move victim to fresh air if irritation occurs. Get medical attention.

FIRE FIGHTING MEASURES

Fire Fighting Procedures: Use self-contained breathing apparatus.

Flashpoint: 293°F

Method: Pensky-Martens

General Hazard: Low hazard, liquid can burn upon heating to temperatures at or above the flashpoint.

Extinguishing Media: Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Hazardous Combustion Products: None known.

ACCIDENTAL RELEASE MEASURES

Steps to be taken in the event of spills, leaks, or release:

For Small Spills: Add inert absorbent, sweep up, and place the material in plastic drums approved for disposal.

For Large Spills: Dike to contain and pump into drums approved for disposal. Follow all local, state and federal environmental regulations.

HANDLING AND STORAGE

Handling: Handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Wash thoroughly after handling.

Storage: Keep container tightly closed when not in use and during transport. Store at room temperature.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment:

General: Protect from clothing by wearing coveralls

Eye and Face Protection: In cases where there is likelihood of eye contact, wear chemical goggles.

Skin Protection: Wear impervious gloves as a standard handling practice.

PHYSICAL AND CHEMICAL PROPERTIES

Solubility in Water: Forms stable water emulsion.

Specific Gravity: 0.99 (water = 1.00)

STABILITY AND REACTIVITY

General Stability Considerations: Product is stable.

Incompatible Materials: None known.

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur.

DISPOSAL CONSIDERATIONS

Dispose of by incineration in accordance with all local, state and federal environmental regulations. Because this product contains water, supplemental fuel may be required. Do not discharge into waterways or sewer systems.

TRANSPORT INFORMATION

This product does not meet the criteria for a D.O.T hazardous material as defined by 49 CFR parts 171-173.

Proper Shipping Name: Water emulsible, lubricant.

DISCLAIMER

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

SAFETY DATA SHEET

J-648

Printed: 05/19/2015

Revision: 04/29/2015

Supersedes Revision: 04/24/2015

1. Product and Company Identification

Product Code:	J-648	
Product Name:	Jorvet Surgical Instrument Lubricant	
Company Name:	Jorgensen Laboratories	Phone Number:
	1450 N. VanBuren Avenue	1 (800) 525-5614
	Loveland, CO 80538	
Emergency Contact:	Chemtrec	1 (800) 424-9300

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2B

Skin Corrosion/Irritation, Category 3

GHS Signal Word:	Warning
GHS Hazard Phrases:	Causes eye irritation. Causes mild skin irritation.
GHS Precaution Phrases:	Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling.
GHS Response Phrases:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get medical advice/attention. IF ON SKIN: Wash any sensitive areas. If skin irritation occurs, get medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300

GHS Storage and Disposal Phrases:	Dispose of contents/container in accordance to local, state and federal regulations.
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Hazard Rating System:

Health	1
Flammability	0
Physical	0
PPE	B

HMIS:

GHS format

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Potential Health Effects
(Acute and Chronic)

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
9003-29-6	Butene, Homopolymer	1.0 – 10.0%

4. First Aid Measures

Emergency and First Aid

Procedures:

No data available.

In Case of Inhalation:

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

In Case of Skin Contact:

Wash thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash before reuse. If skin irritation occurs: Get medical advice/attention.

In Case of Eye Contact:

Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

In Case of Ingestion:

Do not induce vomiting. Rinse mouth with fresh, tepid water, then immediately drink 4-8 oz. of milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep airways open. Keep head lower than hips to prevent aspiration into the lungs. Get medical advice/attention.

5. Fire Fighting Measures

Flash Pt:

No data.

Explosive Limits:

LEL: No data.

UEL: No data.

Auto ignition Pt:

No data.

Suitable Extinguishing

Media:

Dry chemical, CO₂, sand, earth, water spray or regular foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and

Hazards:

No data available.

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Supersedes Revision: 04/24/2015

6. Accidental Release Measures

Protective Precautions, Rubber or neoprene gloves, safety glasses. Wear chemical protective clothing. Do not get in eyes, on **Protective Equipment and** skin, or on clothing. Wash hands thoroughly after handling. Provide mechanical ventilation to disperse or **Emergency Procedures:** ventilate the area with fresh air.

Steps To Be Taken in Case Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable **Material Is Released Or** regulations.
Spilled:

7. Handling and Storage

Precautions To Be Taken For industrial or institutional use only. Avoid contact with eyes and prolonged or repeated skin contact.
In Handling:

Precautions To Be Taken Keep container closed when not in use. Keep from freezing. Store away from incompatible material.
In Storing:

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
9003-29-6	Butene, Homopolymer	No data.	No data.	No data.

Respiratory Equipment: A respirator is not needed under normal and intended conditions of product use.

(Specify Type):

Eye Protection: As needed.

Protective Gloves: As needed.

Other Protective Clothing: As needed.

Engineering Controls Handle in accordance with good industrial hygiene and safety practice in a well ventilated area.

(Ventilation etc.): Wash hands before breaks and at the end of the workday.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: Appearance: White, milk-like Liquid
Odor: Slight Oleic Odor

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Melting Point: No data.
Boiling Point: 100.00 C
Autoignition Pt: No data.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 1.000 – 1.010
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Evaporation Rate: No data.
Solubility in Water: 100
pH: 6.2 – 7.5 @ 1%
Percent Volatile: N.D.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions to Avoid: Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.
Incompatibility – Materials to Avoid: No data available.
Hazardous Decomposition or Byproducts: No data available.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions to Avoid – Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: Inhalation, Eye contact, Skin contact, Ingestion
Irritation or Corrosion:

Eyes:	Causes serious eye irritation.
Skin:	May cause skin irritation.
Ingestion:	No known effects.
Inhalation:	No known effects.

Symptoms Related to Toxicological Characteristics:

Eyes:	Redness, pain, irritation
Skin:	Redness, pain, irritation
Ingestion:	No symptoms known.
Inhalation:	No symptoms known.

Chronic Toxicological Effects: No known chronic toxicological effects.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

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12. Ecological Information

General Ecological Information: This product has no known ecotoxicological effects.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance to local, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Compound Cleaner, Not Regulated

DOT Hazard Class:

UN/NA Number:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

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

CAS #	Hazardous Components (Chemical Name)	S.302 (EHS)	S.304 RQ	S.313 (TRI)
9003-29-6	Butene, Homopolymer	No	No	No

16. Other Information

Revision Date: 04/23/2015

**Additional Information About
This Product:**

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Company's Disclaimer: While Jorgensen believes the statements set forth herein are accurate as of the date hereof, Jorgensen makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.