

**S A F E T Y   D A T A   S H E E T**

**SECTION I: Identification**

**Product Identifier:**

**Product Name:** Surgical Milk  
**Part/Item Number:** 201164

**Recommended Use of the Substance or Mixture and Restrictions on Use:**

**Recommended Use:** Formulated to inhibit rust and lubricate all hinged instruments  
**Restrictions on Use:** For professional use only

**Details of the Supplier:**

**Distributed by:** Henry Schein, Inc.  
135 Duryea Road  
Melville, NY 11747  
1.800.472.4346

**Emergency Phone Number:**

**Infotrac:**  
**24-Hour Number-** (U.S.) 1-800-535-5053  
**Outside U.S.-** 1-352-323-3500

**SECTION II: Hazard(s) Identification**

**Classification of the Substance or Mixture:**

Health Hazard	Physical Hazard
Not Applicable	Not Applicable

**Label Elements:**

**Hazard Statement(s):** Not applicable

**Precautionary Statement(s):** Not applicable

**Other Hazards:** Not applicable

**SECTION III: Composition/Information on Ingredients**

**Mixture:**

Component	CAS #	WT%	Classification
Polyoxyethylene Sorbitol Fatty Acid Ester	59800-21-4	1.6%	Not Applicable
Polyoxyethylene Sorbitol Hexaoleate	59800-21-4	2.2%	Eye Irritant Category 2B
White Mineral Oil	8042-47-5	11.8%	Not Applicable
Sodium Benzoate	532-32-1	3.0%	Not Applicable

## **SECTION IV: First-Aid Measures**

### **Description of First Aid Measures:**

**Ingestion** – If a patient ingests an excessive amount, consult a physician.

**Eye contact** – If a patient or clinician experiences contact, rinse his or her eyes with water for 15 minutes.

**Skin contact** – If a patient or clinician experiences irritation, wash affected area thoroughly with large amounts of water.

**Most Important Symptoms and Effects, Acute and Delayed:** Direct contact with eyes or skin may cause itching, redness, or irritation. Ingestion may cause slight nausea or irritation.

### **Indication of Any Immediate Medical Attention and Special Treatment Needed:**

**Ingestion** – Seek medical attention if irritation persists after a reasonable period of time.

**Eye contact** - Seek medical attention if irritation persists.

**Skin contact** – Seek medical attention if irritation persists.

## **SECTION V: Firefighting Measures**

**Extinguishing media:** Use media appropriate for surrounding fire, such as water, carbon dioxide, foam, or dry chemicals.

**Special Hazards Arising from the Substance or Mixture:** Not applicable

### **Advice for Fire-Fighters:**

**Fire Fighting Procedures** - Use water to cool fire-exposed containers. Fight fire from a safe distance or protected location.

**Precautions for Fire Fighters** - Do not enter fire area without proper protection. Firefighters should wear full emergency equipment and an approved pressure self-contained breathing apparatus.

## **SECTION VI: Accidental Release Measures**

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Use appropriate personal protection. There are no special requirements for ventilation.

**Methods and Materials for Containment and Cleaning Up:** Wipe up with a damp towel. Wash down a drain with a large amount of water.

## **SECTION VII: Handling and Storage**

**Precautions for Safe Handling:** Use appropriate personal protection when handling.

**Conditions for Safe Storage, Including Any Incompatibilities:** Keep container tightly sealed when not in use. Store in original container.

## **SECTION VIII: Exposure Controls/Personal Protection**

### **Control Parameters:**

<b>Occupational Exposure Limits:</b>		
<b>Component</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Polyoxyethylene Sorbitol Fatty Acid Ester	No data available	No data available
Polyoxyethylene Sorbitol Hexaoleate	No data available	No data available
White Mineral Oil	No data available	TWA (Mist): 5 mg/m <sup>3</sup> ; STEL (Mist): 10 mg/m <sup>3</sup>
Sodium Benzoate	None established; Nuisance dust: Total - 10 mg/m <sup>3</sup> ; Respirable – 5 mg/m <sup>3</sup>	None established

### **Exposure Controls:**

**Appropriate Engineering Controls** – Respiratory protection is not necessary.

Individual Protection Measures (PPE) - Wear protective eye wear, gloves, laboratory jacket, or apron.

## **SECTION IX: Physical and Chemical Properties**

<b>Information on Physical and Chemical Properties:</b>	
<b>Appearance:</b>	Milky white liquid
<b>Odor:</b>	No odor
<b>Odor Threshold:</b>	Not applicable
<b>pH:</b>	Not determined
<b>Melting point/freezing point:</b>	Not determined
<b>Initial boiling point and boiling range:</b>	212°F (100 °C)
<b>Flash point:</b>	Not determined
<b>Evaporation rate (Butyl Acetate =1):</b>	Not determined
<b>Flammability (solid, gas):</b>	Not applicable
<b>Upper/lower flammability or exposure limits:</b>	Not applicable
<b>Vapor pressure:</b>	Not determined
<b>Vapor density (Air = 1):</b>	Not determined
<b>Relative density:</b>	Not determined
<b>Solubilit(ies):</b>	Soluble in water, acetone, and alcohol
<b>Partition coefficient: n-octano/water</b>	Not determined
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Specific gravity (Water = 1):</b>	.99

## **SECTION X: Stability and Reactivity**

**Reactivity:** None known

**Chemical Stability:** Stable under normal storage and handling conditions

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Strong oxidants

**Incompatible materials:** Strong oxidants

**Hazardous decomposition products:** Carbon monoxide upon combustion

## **SECTION XI: Toxicological Information**

**Potential Health Effects:**

**Ingestion** - Ingestion may cause slight nausea or irritation.

**Eye Contact** – Contact with eyes may cause itching, redness, or irritation.

**Skin Contact** – May cause itching, redness, or irritation.

**Acute Toxicity Data:**

**Polyoxyethylene Sorbitol Fatty Acid Ester** – LD50 (oral rat) 31,600 mg/kg

**Polyoxyethylene Sorbitol Hexaoleate** – LD50 (oral rat) 16,000 mg/kg

**Mineral Oil** – LD 50 (oral rat) > 5,000 mg/kg

**Sodium Benzoate** – LD50 (oral rat) 4,100 mg/kg

**Carcinogenicity:** OSHA, IARC, and NTP do not list polyoxyethylene sorbitol fatty acid ester, polyoxyethylene sorbitol hexaoleate, mineral oil, or sodium benzoate as carcinogens.

## **SECTION XII: Ecological Information**

**Toxicity:** Not applicable

**Persistence and Degradability:**

**Polyoxyethylene Sorbitol Fatty Acid Ester** – Biodegradable 65%

**White Mineral Oil-** White mineral oil is inherently biodegradable in water under aerobic conditions, and ultimately biodegrades by micro-organisms. The biodegradability of White Mineral Oil will necessarily be limited by its low solubility in water.

**Bio-accumulative potential:** Not applicable

**Mobility in Soil:** Not applicable

**Other Adverse Effects:** Not applicable

## **SECTION XIII: Disposal Considerations**

Drain to a sewer with a large amount of water. Dispose of in accordance with all Federal, State and Local regulations.

## **SECTION XIV: Transport Information**

Not regulated

## **SECTION XV: Regulatory Information**

Not applicable

## **SECTION XVI: Other Information**

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Date Revised: 19 March 2015

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