



## Instrument Lubricant

Safety Data Sheet

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier used on the label : **Instrument Lubricant**

Other means of identification : Instrument Lubricant Ready-to-Use  
: 2150032

**Recommended use of the chemical and restrictions on use:**

Product for hospital and professional use only for the lubrication of surgical instruments. Not for home use.

**Name, address, and telephone number of the chemical manufacturer:**

BELIMED INC.  
1535 Hobby Street, Suite 103  
N. Charleston, SC 29405 USA  
Telephone Number for Information : 1-800-451-4118

**Emergency telephone number**

CHEMTREC : 1-800-424-9300 (24/7, US and Canada)

### SECTION 2: HAZARD IDENTIFICATION

**Classification of the substance or mixture**

<b>Hazard Class</b>	<b>Hazard Category</b>
SKIN IRRITATION	: 2
EYE IRRITATION	: 2B

**Signal word, hazard statement(s), symbol(s) and precautionary statement(s)**

**Signal word** : WARNING

**Hazard Statement(s)** : May cause skin irritation.  
: May cause eye irritation.



**Precautionary Statements**

**: Prevention**  
Wash hands and exposed areas thoroughly after handling.  
Wearing eye protection is recommended.  
Wearing protective gloves is recommended.

**: Response**  
IF ON SKIN: Wash with plenty of water.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to remove. Continue rinsing.  
If eye irritation persists: Get medical attention.  
If skin irritation occurs: Get medical attention.  
Take off contaminated clothing and wash it before reuse.

# Safety Data Sheet

## Instrument Lubricant

**Storage** : Store in accordance with local regulations.

**Disposal** : Dispose of contents/container to an approved waste disposal facility.

**Hazards not otherwise classified** : Not available

**Percentage of ingredient(s) with unknown toxicity** : None known

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

The following chemicals are classified as health hazards in accordance with 29 CFR 1910.1200

Chemical Name	CAS Number (Unique Identifier)	Concentration	Classification §1910.1200
White Mineral Oil USP	8042-47-5	3.5-7.5%	None

### SECTION 4: FIRST AID MEASURES

#### Description of necessary measures

**Inhalation:** Remove from exposure area to fresh air. Seek medical attention immediately.

**Skin contact:** Immediately wash skin with soap and water for at least 20 minutes while removing contaminated clothing. Seek medical attention if irritation persists.

**Eye contact:** Immediately flush with cool water for at least 20 minutes. Seek medical attention if irritation persists. Seek medical attention if irritation persists.

**Ingestion:** Do NOT induce vomiting. Dilution by rinsing the mouth and giving water to drink is generally recommended. Never give anything by mouth to an unconscious person. Contact physician or local poison control center.

#### Most important symptoms and effects, both acute and delayed

**Inhalation:** May cause allergic respiratory reaction.

**Skin contact:** Health injuries are not known or expected.

**Eye contact:** Health injuries are not known or expected.

**Ingestion:** Ingestion may cause irritation of mouth, throat, and digestive tract, diarrhea, and vomiting.

#### Indication of any immediate medical attention and special treatment needed

**After inhalation:** Remove from exposure area to fresh air.

**After skin contact:** Rinse affected area with large amounts of mild soap and water until no evidence of product remains.

**After eye contact:** Immediately flush with cool water for at least 20 minutes.

**After ingestion:** Do NOT induce vomiting. Dilution by rinsing the mouth and giving water to drink is generally recommended. Never give anything by mouth to an unconscious person. Contact physician or local poison control center.

## SECTION 5: FIREFIGHTING MEASURES

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Use extinguishing agent suitable for surrounding fire.

**Unsuitable extinguishing media:** None

**Specific hazards arising from the chemical:** Not flammable or combustible

### Special protective equipment and precautions for firefighters

In case of fire, wear a full-face positive-pressure self-contained breathing apparatus and protective suit. Shut off all ignition sources and apply cooling water to sides of containers that are exposed to flames until well after fire is out. Avoid breathing vapors, keep upwind. Keep unnecessary personnel away.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment, and emergency procedures

Wear skin, eye, and respiratory protection. Stop or reduce any leaks if it is safe to do so. Spills present a slipping hazard. Keep unnecessary personnel away. Ensure clean-up is conducted by trained personnel only. Make sure area is slip-free before re-opening to traffic.

### Environmental Precautions

Avoid runoff into storm sewers, ditches, and waterways.

### Methods and materials for containment and cleaning up

Contain and absorb with sand or other absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. In case of large spills, dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Use with adequate ventilation. Avoid breathing vapors, spray, or mist. Keep the containers closed when not in use.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry place. Keep partially used containers closed and away from heat and humidity. Do not exceed storage temperature of (50°C) 120°F. Keep out of reach of children.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

Ingredients with workplace control	CAS-No.	Form of exposure	AIHA WEEL	OTHER
Mineral oil	8042-47-5	TWA (mist) STE (mist) TWA (Mist)	5 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> 5 mg/m <sup>3</sup>	NIOSH REL NIOSH REL OSCA Z1

# Safety Data Sheet

## Instrument Lubricant

### Appropriate engineering controls

Good general ventilation should be sufficient. Handle in accordance with good industrial hygiene and safety practice.

### Individual protection measures

**Respiratory:** If respiratory protection is required, it must be based on the contamination levels found in the workplace and be jointly approved by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration (NIOSH-MSHA) and must not exceed the working limits of the respirator.

**Eye:** Safety glasses are recommended.

**Hand/Body:** Gloves are recommended.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Milky, White, Liquid
Odor	: Mild odor
Odor threshold	: No data available
pH	: 5.5 - 7.5 (neat)
pH	: 6.0 - 7.0 (1% solution)
Melting point / range	: Not determined
Boiling point / range	: Not determined
Flash point	: Not determined
Evaporation rate	: Not determined
Flammable/Explosive limits - lower	: Not determined
Flammable/Explosive limits - upper	: Not determined
Vapor pressure	: Not determined
Vapor density	: Not determined
Solubility in water	: Completely soluble
Partition coefficient (n-octanol/water)	: Not determined
Autoignition temperature	: Not determined
Decomposition temperature	: Not determined
Viscosity	: Approximately 200 cps
VOC content	: Not determined
Density	: Not determined
Relative Density	: Approximately 1.0 (Specific Gravity)

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	: None known
<b>Chemical stability</b>	: Stable under normal condition
<b>Possibility of hazardous reactions</b>	: None known
<b>Conditions to avoid</b>	: Avoid extremes of temperature.
<b>Incompatible materials</b>	: None known
<b>Hazardous decomposition products</b>	: Thermal decomposition products may include oxides of carbon.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Likely routes of exposure including symptoms related to characteristics**

**Inhalation:** May cause allergic respiratory reaction.

**Skin contact:** Health injuries are not known or expected.

**Eye contact:** Health injuries are not known or expected.

**Ingestion:** Ingestion of large quantities may cause gastrointestinal irritation with nausea, vomiting, and diarrhea.

**Physical/Chemical:** No physical/chemical hazards are anticipated for this product.

**Other relevant toxicity information:**

The use of this product by the end-user is safe under normal and reasonable foreseen use.

**Numerical measures of toxicity, including delayed and immediate effect**

**This table shown below addresses the following toxicological endpoints, if applicable:**

- Acute toxicity
- Skin corrosion/irritation
- Serious eye damage/irritation
- Respiratory or skin sensitization
- Carcinogenicity
- Reproductive toxicity
- Specific target organ toxicity (single exposure)
- Aspiration hazard

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Mineral oil	Oral LD50 (RAT) > 5,000 mg/kg Dermal LD50 (RABBIT) > 2.000 mg/kg Inhalation LC50 (RAT, 4 h) = > 5 mg/l	Behavioral, Central nervous system, Developmental, Gastrointestinal, Irritant, Kidney, Liver, Reproductive, Skin, Less weight gain and food intake

**Carcinogenicity information**

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
N/A	Not Known	Not Known	Not Known

**Carcinogenicity** : None of the ingredients in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

**Mutagenicity** : None of the ingredients in this product are known to cause mutagenicity.

**Reproductive Toxicity** : Not determined

## SECTION 12: ECOLOGICAL INFORMATION

### Aquatic Toxicity:

The following toxicity information is available for the hazardous ingredient(s) when used as a technical grade. The product is anticipated to be safe for the environment at concentrations predicted in settings under normal use conditions.

### Toxicity to fish:

The product is not anticipated to be toxic to fish. The following data is for the product tested in accordance with EPA-821-R-02-012 (Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms).

Hazardous substance	Parameter	Value	Exposure Time	Species
Product	LC50	750 mg/L	96 hrs.	Pimephales promelas

### Toxicity to aquatic invertebrates:

The product end-use dilutions are not anticipated to be toxic to aquatic invertebrates.

### Toxicity to algae:

The product is not anticipated to be toxic to algae.

### Persistence and degradability:

The majority of the components of this product are anticipated to be biodegradable.

### Bioaccumulation Potential:

The bioaccumulation potential of this product has not been determined.

### Mobility:

The mobility of this product (in soil and in water) has not been determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste Number and Description</b>	: Not applicable
<b>Disposal Considerations</b>	: Not regulated
<b>Disposal of products</b>	: This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state, and local regulations.
<b>Disposal of packages</b>	: Do not reuse container. Rinse it with water and place in trash.

## SECTION 14: TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper shipping classification may vary by packaging, properties, and mode of transportation.

Land Transport (DOT)	: Not dangerous goods
Sea Transport (IMDG/IMO)	: Not dangerous goods
Air transport (IATA)	: Not dangerous goods

## SECTION 15: REGULATORY INFORMATION

### Occupational Safety and Health Act:

Hazard Communication Rule, 29 CFR 1910.1200: The Occupational Safety and Health Administration (OSHA) require Safety Data Sheets (SDSs) to provide information about any hazard that may be associated with the product and make this information available in the workplace. Since the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers, this SDS may contain health hazard information not relevant to consumer use.

### United States Regulatory Information

#### TSCA 8 (b) Inventory Status

All components of this product are either listed on or exempt from the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

#### TSCA 12 (b) Export Notification

: All components are listed.

#### CERCLA/SARA Section 302 EHS

: None

#### CERCLA/SARA Section 311/312

: Acute health hazard

#### CERCLA/SARA Section 313

: Does not contain any components with reportable quantities.

#### California Proposition 65

: This product does not contain substances listed under California Proposition 65.

## SECTION 16: ADDITIONAL INFORMATION

**NFPA health hazard:** 1

**NFPA fire hazard:** 0

**NFPA reactivity:** 0

**Additional information:** None

**DISCLAIMER:** The information provided on this sheet is not to be considered as warranty or quality specification. The information is given to provide general knowledge as to health and safety based on our understanding of safe handling, storage, transportation, disposal, and release. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or any process unless specified in the text.

**This safety data sheet contains changes from the previous version in sections: 2, 8**

**Prepared by:** Belimed Inc.

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