



## Ophthalmic Neutral Detergent

Safety Data Sheet

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier used on the label : **Ophthalmic Neutral Detergent Concentrate, Low Foam**

Other means of identification : Non-Enzymatic, Neutral Detergent Formulated for Manual Soaking and Cleaning, Ultrasonic Cleaning, and Automated Washer Disinfectors Cleaning of Surgical Ophthalmic Instruments

: 2193001, 2193002, 2193005, 1020055, 1020056, 1020057

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

Product for hospital and professional use only for the cleaning 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**

Not a hazardous substance or mixture.

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

**Precautionary Statements** : **Prevention**  
 Wash thoroughly after handling

: **Response**  
 Get medical advice / attention if you feel unwell.

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

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

**Hazards not otherwise classified** : Not known.

**Percentage of ingredient(s) with unknown toxicity** : Not 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

Pure substance/mixture : Mixture

### SECTION 4: FIRST AID MEASURES

#### Description of necessary measures

**Inhalation:** Remove from exposure area to fresh air. Get medical attention if symptoms occur.

**Skin contact:** Rinse with plenty of water.

**Eye contact:** Rinse with plenty of water.

**Ingestion:** Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

### SECTION 5: FIREFIGHTING MEASURES

#### Suitable (and unsuitable) extinguishing media

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

**Unsuitable extinguishing media:** Not known

**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.

# Safety Data Sheet

## Ophthalmic Neutral Detergent

### SECTION 7: HANDLING AND STORAGE

#### Precautions for safe handling

Use with adequate ventilation. Avoid breathing vapors, spray, or mist. Wash hands after handling.

#### Conditions for safe storage, including any incompatibilities

Store away from incompatible substances and avoid extreme temperatures. Keep the containers tightly closed when not in use.

### 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.

Hazardous Component(s)	ACGIH	OSHA PEL	AIHA WEEL	OTHER
Not known	Not known	Not known	Not known	Not known

#### 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 but not required.

**Hand/Body:** Gloves are recommended but not required.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear, Straw-colored, Liquid
Odor	: Mild odor
Odor threshold	: Not available
pH	: 6.5 - 8.0 (neat)
pH	: 7.0 - 7.5 (1% solution)
Melting point / range	: Not available
Boiling point / range	: Not determined
Flash point	: Not determined
Evaporation rate	: Not determined
Flammable/Explosive limits - lower	: Not available
Flammable/Explosive limits - upper	: Not available
Vapor pressure	: Not determined
Vapor density	: Not determined
Solubility in water	: Completely soluble
Partition coefficient (n-octanol/water)	: Not available
Autoignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity	: Not available

# Safety Data Sheet

## Ophthalmic Neutral Detergent

VOC content : Not available  
Density : Not determined  
Relative Density : Approximately 1.025 (Specific Gravity)

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity** : None known.  
**Chemical stability** : Stable under normal conditions.  
**Possibility of hazardous reactions** : None known.  
**Conditions to avoid** : Avoid extremes of temperature.  
**Incompatible materials** : None known.  
**Hazardous decomposition products** : Not available.

### SECTION 11: TOXICOLOGICAL INFORMATION

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

#### Potential Health Effects

**Inhalation** : Health injuries are not known or expected under normal use.  
**Skin** : Health injuries are not known or expected under normal use.  
**Eye** : Health injuries are not known or expected under normal use.  
**Chronic exposure** : Health injuries are not known or expected under normal use.  
**Physical/Chemical** : Not available.

#### Other relevant toxicity information:

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

#### Experience with human exposure

**Inhalation** : No symptoms known or expected.  
**Skin Contact** : No symptoms known or expected.  
**Eye Contact** : No symptoms known or expected.  
**Ingestions** : No symptoms known or expected

#### Toxicity

#### Product

**Acute oral toxicity** : No data available  
**Acute inhalation toxicity** : No data available

# Safety Data Sheet

## Ophthalmic Neutral Detergent

<b>Acute dermal toxicity</b>	: No data available
<b>Skin corrosion/irritation</b>	: No data available
<b>Serious eye damage/eye irritation</b>	: No data available
<b>Respiratory or skin sensitization</b>	: No data available
<b>Carcinogenicity</b>	: No data available.
<b>Reproductive effects</b>	: No data available
<b>Germ cell mutagenicity</b>	: No data available
<b>Teratogenicity</b>	: No data available
<b>STOT-single exposure</b>	: No data available
<b>STOT-repeated exposure</b>	: No data available
<b>Aspiration toxicity</b>	: No data available

### SECTION 12: ECOLOGICAL INFORMATION

#### **Aquatic Toxicity:**

The following toxicity information is available for the hazardous ingredient(s) when used as 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 are anticipated to be biodegradable.

#### **Mobility:**

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

Safety Data Sheet  
**Ophthalmic Neutral Detergent**

**SECTION 13: DISPOSAL CONSIDERATIONS**

- Waste Number and Description** : Not applicable
- Disposal Considerations** : Not regulated
- Disposal of products** : This product is not a RCRA hazardous waste and can be disposed of in accordance with federal, state, and local regulations.
- Disposal of packages** : 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 12 (b) Export Notification** : All components are listed.
- CERCLA/SARA Section 302 EHS** : None
- CERCLA/SARA Section 311/312** : No SARA 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.

- California Cleaning Product Act to Know Act of 2017 (SB 258)** : This product is labeled in compliance with CA SB258.

Chemical Name	CAS Registry Number	Functional Purpose	List(s)
Water	7732-18-5	Diluent	Not Applicable
Polyacrylic Acid Salt	9003-04-7	Cleaning Agent	Not Applicable
Benzotriazole	Withheld	Corrosion Inhibitor	Not Applicable
DMDM Hydantoin	Withheld	Biocide	Not Applicable

\*refer to [www.belimed.com/en-us/solutions/consumables-protect](http://www.belimed.com/en-us/solutions/consumables-protect) for electronic links to designated lists

Safety Data Sheet  
**Ophthalmic Neutral Detergent**

The ingredients of this product are reported on the following inventories:

**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.

**SECTION 16: ADDITIONAL INFORMATION**

**NFPA health hazard:** 0

**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:** 1, 9,15

**Prepared by:** Belimed Inc.

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