

**Material identification**

Name: LabMAP™ Sheath Fluid  
Product #: 40-50000

**Composition**

Ingredient:	Concentration:
Sodium phosphate	< 15 mM
Sodium chloride	< 200 mM
Preservative (microbiocide)*	0.035% (v/v)

\*The preservative is subject to regulation under the US Federal Food, Drug and Cosmetic Act and is therefore exempt from US Toxic Substances Control Act (TSCA) inventory listing requirements.

**Hazards identification**

- Irritating to eyes, respiratory system, and skin.

**First aid measures**

- Wear suitable protective clothing.
- If eye contact, flush eyes with water for 15 minutes and seek medical advice.
- If skin contact, promptly wash skin with mild soap and large volumes of water.
- If ingested, never give anything by mouth to an unconscious person; never try to make an unconscious person vomit; give large amounts of water; contact a physician.

**Fire and explosion hazard data**

**Extinguishing media:** Water, foam, dry chemical, or CO<sub>2</sub>.

**Special fire-fighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire and explosion hazards:** Emits toxic fumes under fire conditions. The following toxic vapors are formed when this material is heated to decomposition: hydrogen chloride, oxides of nitrogen and sulfur.

**Accidental release measures/disposal considerations****Steps to be taken in case material is released or spilled:**

- Take up with absorbent material.
- Ventilate area and wash spill site after material pick-up is complete.

**Waste disposal method:** Comply with all applicable federal, state, or local regulations. Containers of this material may be hazardous when emptied. Emptied containers may retain product residue; handle as if they were full.

**Handling and storage**

Store in sealed container in cool (15-30°C), dry location. Keep away from oxidizers. See Exposure controls and personal protection section below.

**Exposure controls and personal protection**

- Wear appropriate respirator, chemical-resistant gloves, safety goggles or face shield, and other protective clothing.
- Safety shower and eye bath.
- Irritant.
- Avoid contact with eyes, skin, and clothing; avoid prolonged or repeated exposure.
- Wash thoroughly after handling.

**Stability and reactivity**

**Stability:** Stable.

**Incompatibilities:** Strong acids, oxidizing agents, reducing agents, and amines; avoid temperatures over 25°C for prolonged periods to minimize degradation.

**Hazardous decomposition products:** Hydrogen chloride gas, oxides of sodium, nitrogen and sulfur.

**Hazardous polymerization:** Has not been reported.

**Toxicological information**

**Acute effects:** Causes skin irritation, causes eye irritation, material is irritating to mucus membranes and upper respiratory tract; may be harmful by inhalation, ingestion, or skin absorption.

To our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Ecological information**

Data not yet available.

**Other information**

The above information is believed to be correct but is not all-inclusive and should only be used as a guide. Luminex Corporation will not be held liable for any damage resulting from handling or contact with the above product if used, handled, stored, or disposed of in a manner other than as prescribed.