

**FUROSEMIDE INJECTION / FUROSEMIDE SPECIAL INJECTION**

CODE: L0010210 (2 mL) et L0010211 (4 mL) DIN: 02360365

CODE: L0010212 (25 mL) DIN: 02360446 (25 mL)

**1 - IDENTIFICATION**

**Company:** Omega Laboratories Limited  
**Manufactured by :** 11177 Hamon st.  
Montreal, Canada  
H3M 3E4  
**Telephone:** (514) 335-0310  
**Fax:** (514) 339-1407  
**Date Prepared:** 2015-09-08

**2 - INGREDIENT**

Hazardous Ingredients	CAS #	PEL	TLV	%
Furosemide	54-31-9	N/A	N/A	1
Other Ingredients				
Sodium Hydroxide	1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	--
Water for injection	7732-18-5	N/A	N/A	q.s.

**3 - PHYSICAL DATA**

**Boiling Point:** 100°C, 212°F  
**Specific Gravity:** ~ 1.0  
**Vapor Pressure (mm Hg/20°C):** 17.5  
**Vapor Density (air = 1):** N/A  
**Evaporation Rate:** N/A  
**Solubility in Water:** Soluble.  
**pH:** 8.0 – 9.3  
**Appearance:** Clear, colorless and odorless liquid.

**4 - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (and method):** N/A  
**Flammability:** Non-flammable  
**Extinguishing Media:** Use extinguishing media appropriate for primary cause of fire.  
**Special Fire Fighting Procedures:** No special provisions required beyond normal firefighting equipment such as flame and chemical resistant clothing and self contained breathing apparatus.  
**Sensitivity to static discharge & Explosive power:** None.

**5 - REACTIVITY DATA**

**Stability:** Stable.  
**Incompatibility (material to avoid):** Acids.  
**Conditions to Avoid:** Protect from light.  
**Hazardous decomposition products:** Toxic fumes of chlorine, sulfur and nitrogen oxides.  
**Hazardous Polymerization:** Will not occur.

**6 - HEALTH HAZARD ASSESSMENT**

**Emergency Overview:** In clinical use, this material is used to promote urination. Possible target organs include the kidneys, fetus, DNA and ears.  
**Occupational Exposure Potential:** Information on the absorption of this compound via ingestion, inhalation or skin contact is not available. Avoid liquid aerosol generation and skin contact.  
**Signs and Symptoms:** No signs or symptoms from occupational exposure are known. Clinical data suggest the following: electrolyte imbalances, dry mouth, weakness, lethargy, drowsiness, restlessness, muscle pain, muscle weakness, decreased blood pressure, fast heart rate, nausea, vomiting, ringing in the ear, dizziness, headaches.  
**Medical Conditions Aggravated by Exposure:** Hypersensitivity to the material and/or similar materials. Pre-existing ailments in the following organs: kidney, ears, liver.

**7 - EMERGENCY PROCEDURES**

**Skin:** Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention.  
**Eyes:** Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention.  
**Inhalation:** Remove from source of exposure. If signs of toxicity occur, seek medical attention.  
**Ingestion:** Remove from source of exposure. If signs of toxicity occur, seek medical attention.  
**Treatment:** Provide symptomatic / supportive care as necessary.

**8 - TOXICOLOGIC INFORMATION**

LD<sub>50</sub> oral, mouse: >1000 mg/kg    LD<sub>50</sub> oral, rat: >1000 mg/kg  
LD<sub>50</sub> oral, dog: >1000 mg/kg    LD<sub>50</sub> IV, mouse: 300 to 680 mg/kg  
LD<sub>50</sub> IV, rat: 300 to 680 mg/kg    LD<sub>50</sub> IV, dog: 300 to 680 mg/kg

**9 - PRECAUTIONS INFORMATION**

**Steps to be taken in case material is released or spilled:** Absorb with suitable material and clean affected area with soap and water.  
**Waste Disposal Method:** Dispose of materials according to the applicable federal, state, or local regulations  
**Precautions to be taken in Handling and Storing:** For product protection store at controlled room temperature of 15-30°C. Protect from freezing, light and extreme heat.

**10 - CONTROL MEASURES**

**Respiratory Protection:** Respiratory protection is not needed during normal product use.  
**Skin Protection:** If solution contact with unprotected skin is likely, use of impervious gloves is a prudent practice.  
**Eye Protection:** Eye protection is not required during expected product use conditions but may be warranted should a splash potential exist.  
**Engineering Controls:** Engineering controls are not needed during normal product use conditions.

**11 - TRANSPORTATION INFORMATION**

Not DOT Regulated