



MATERIAL SAFETY DATA SHEET

# NEOSTIGMINE OMEGA

CODE: L0010097 (1-mL) & L0010098 (10-mL) DIN: 02230593 (0.5 mg/mL)  
CODE: L0010096 (10-mL) DIN: 02230592 (1 mg/mL)  
CODE: L0010099 (5-mL) DIN: 02387166 (2.5 mg/mL)

## 1 – IDENTIFICATION

**Manufactured by:** Omega Laboratories, Ltd.  
**Address:** 11177 Hamon st.  
Montreal, Canada  
H3M 3E4  
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**Date Prepared:** 2015-10-28

## 2 – INGREDIENT

Hazardous Ingredients	CAS #	PEL	TLV	%
Neostigmine Methylsulfate	51-60-5	N/A	N/A	0.05/0.1/0.25
Liquefied Phenol	108-95-2	N/A	N/A	0.5
Sodium acetate trihydrate	6131-90-4	N/A	N/A	0.02

### Other Ingredients

Water for Injection 7732-18-5 N/A N/A q.s.

## 3 - PHYSICAL DATA

**Boiling point/range:** >100°C  
**Melting point/range:** 0°C  
**Density:** 1.000  
**Vapor pressure:** 3.2 kPa (@20°C)  
**Evaporation rate:** Not determined  
**Solubility:** Not determined  
**pH:** 5.0 - 6.5  
**Appearance:** Colorless odorless aqueous solution.

## 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash point:** N/A  
**Auto ignition temperature:** N/A  
**Flammability Limits:** N/A  
**Suitable extinguishing media:** Use foam or all purpose dry chemicals to extinguish.  
**Special protective equipment for firefighters:** Positive pressure self-contained breathing apparatus and full turnout gear.  
**Specific methods:** No information available  
**Explosion and Fire Hazards:** N/A

## 5 - REACTIVITY DATA

**Stability:** Stable under recommended storage conditions.  
**Polymerization:** N/A  
**Hazardous decomposition products:** N/A  
**Materials to avoid:** N/A

## 6 - HEALTH HAZARD ASSESSMENT

**Skin contact:** No known effect according to our database.  
**Eye contact:** No known effect according to our database.  
**Ingestion:** No known effect according to our database.  
**Inhalation:** Inhalation not likely under normal use conditions.

## 7 - EMERGENCY PROCEDURES

**Skin contact:** Wash contaminated skin with soap and water. Get medical attention if irritation develops.  
**Eye contact:** In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation develops.  
**Ingestion:** Do not induce vomiting unless directed by a physician.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

## 8 - TOXICOLOGICAL INFORMATION

Oral LD<sub>50</sub> Mouse: 7500 ug/kg; IV LD<sub>50</sub> Mouse: 0.3 mg/kg;  
SC LD<sub>50</sub> Mouse: 0.54 mg/kg; IM LD<sub>50</sub> Mouse: 0.395 mg/kg;  
IV LD<sub>50</sub> Rat: 0.315 mg/kg; SC LD<sub>50</sub> Rat: 0.445 mg/kg;  
IM LD<sub>50</sub> Rat: 0.423 mg/kg

## 9 - PRECAUTION INFORMATION

**Methods for cleaning up:** If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container.  
**Waste from residues / unused products:** Waste disposal must be in accordance with appropriate Federal, State, and local regulations.  
**Technical measures/storage conditions:** Keep container tightly closed. Keep in a dry, cool and well-ventilated place. Store between 15-30°C. Protect from light. Unused portion should be discarded 4 weeks after initial withdrawal.

## 10 - CONTROL MEASURES

**Respiratory protection:** Perform exposure monitoring for this product and its components to ensure that employees are not exposed to levels greater than applicable regulatory limits. If exposure levels exceed regulatory limits, implement a respiratory protection program including respiratory protection. Fire fighting requires the use of a self-contained breathing apparatus with full face piece and positive pressure mode.  
**Engineering measures:** Good general ventilation should be sufficient to control airborne levels.  
**Hand protection:** Use chemical resistant, impervious gloves.  
**Eye protection:** Safety glasses with side-shields.  
**Skin and body protection:** Work uniform or laboratory coat.

## 11 - TRANSPORT INFORMATION

Not DOT regulated.