Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier: Neostigmine Omega (Neostigmine Methylsulfate Injection USP)
Other Means of Identification: Code L0010097 (1mL) and L0010098 (10mL) DIN 02230593 (0.5mg/mL)
Code L0010096 (10mL) DIN 02230592 (1mg/mL)
Code L0010099 (5mL) DIN 02387166 (2.5mg/mL)
Recommended Use: IM / Slow IV / SC
Restrictions on Use: N/A
Initial Supplier Identifier: Omega Laboratories Limited
11177 Hamon St.
Montreal, Canada H3M 3E4
Emergency Telephone Number: (514) 335-0310

SECTION 2. HAZARD IDENTIFICATION

Classification: N/A
Label Elements: N/A
Other Hazards: N/A

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Neostigmine Methylsulfate	51-60-5	0.5/0.1/0.25 %	N/A	N/A
Liquefied Phenol	108-95-2	0.5%	N/A	N/A
Sodium acetate trihydrate	6131-90-4	0.02 %	N/A	N/A
Water for injection	7732-18-5	q.s.	N/A	N/A

Notes

SECTION 4. FIRST-AID MEASURES

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.

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.
Most Important Symptoms and Effects, Acute and Delayed: N/A
Immediate Medical Attention and Special Treatment: N/A

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media
Suitable Extinguishing Media: Use foam or all-purpose dry chemicals to extinguish**.**
Unsuitable Extinguishing Media: N/A
Specific Hazards Arising from the Product: N/A
Special Protective Equipment and Precautions for Fire-Fighters: Positive pressure self-contained breathing apparatus and full turnout gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Use chemical resistant impervious gloves, safety glasses with side-shields and a work uniform or laboratory coat. 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 fighters requires the use of a self-breathing apparatus with full face piece and positive pressure mode.
Methods for Containment and 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.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling and conditions for Safe Storage: Keep container tightly closed. Keep in a dry, cool and well-ventilated place. Store between 15 and 30ºC. Protect from light. Unused portion should be discarder 4 weeks after initial withdrawal.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
N/A	**TWA**	**STEL**	**TWA**	**STEL**
N/A				
N/A				

Notes

Appropriate Engineering Controls: Good general ventilation should be enough to control airborne levels.
Individual Protection Measures
Eye/Face Protection: Safety glasses with side-shields.
Skin Protection: Use chemical resistant, impervious gloves and a work uniform or laboratory coat**.**
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 fighters requires the use of a self-breathing apparatus with full face piece and positive pressure mode.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless aqueous solution.
Odour: Odorless.
Odour Threshold: N/A
pH: 5.0 – 6.5
Melting Point and Freezing Point: 0ºC
Initial Boiling Point and Boiling Range: >100ºC
Flash Point: N/A
Evaporation Rate: N/A
Flammability (solid, gas): N/A
Upper and Lower Flammability or Explosive Limit: N/A
Vapour Pressure: 3.2 kPa (@20ºC).
Vapour Density (air = 1): N/A
Relative Density (water = 1): 1.000 (approximately)
Solubility in Water: N/A
Solubility in Other Liquids: N/A
Partition Coefficient, n-Octanol / Water (Log Kow): N/A
Auto-ignition Temperature: N/A
Decomposition Temperature: N/A
Viscosity: N/A

SECTION 10. STABILITY AND REACTIVITY

Reactivity
Chemical Stability: Stable under recommended storage condition.
Possibility of Hazardous Reactions: N/A
Conditions to Avoid: N/A
Incompatible Materials: N/A
Hazardous Decomposition Products: N/A

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

__ Inhalation _x_ Skin contact _x_ Eye contact _x_ Ingestion

Acute Toxicity
LD50 (IV): Rat 0.315 mg/kg and mouse 0.3 mg/kg.
LD50 (oral): Mouse 7500 mcg/kg.
LD50 (SC): Rat 0.445 mg/kg and mouse 0.54 mg/kg.
LD50 (IM): Rat 0.423 mg/kg and mouse 0.395 mg/kg.
Notes: N/A

Skin Corrosion / Irritation: No known effect according to our database.
Serious Eye Damage / Irritation: No known effect according to our database
STOT (Specific Target Organ Toxicity) - Single Exposure
Ingestion: No known effect according to our database.
STOT (Specific Target Organ Toxicity) - Repeated Exposure
Respiratory: Inhalation not likely under normal use conditions.

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
N/A			
N/A			
N/A			

Notes: N/A

Reproductive Toxicity
Development of Offspring: N/A
Sexual Function and Fertility: N/A
Effects on or via Lactation: N/A
Germ Cell Mutagenicity: N/A
Interactive Effects: N/A

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
Persistence and Degradability: N/A
Bioaccumulative Potential: N/A
Mobility in Soil: N/A
Other Adverse Effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods: Waste disposal must be in accordance with appropriate federal, provincial and local regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
IATA – Not Regulated	-	-	-	-	-

Special Precautions: N/A
Environmental Hazards: N/A
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: N/A

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations: N/A

SECTION 16. OTHER INFORMATION

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