



Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier: Dexamethasone Omega (4 and 10 mg/mL) (Dexamethasone Sodium Phosphate Injection USP)

Other Means of Identification: Code L0010026 (1mL), L0010066 (5mL) DIN: 02204266 (4mg/mL)
Code: L0010067 (10mL), L0010094 (1mL) DIN: 02204274 (10mg/mL)

Recommended Use: N/A

Restrictions on Use: N/A

Initial Supplier Identifier: Omega Laboratories, Ltd.
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
Benzyl Alcohol	100-51-6	1.0%	N/A	N/A
Sodium Sulfite	7757-83-7	-	N/A	N/A
Dexamethasone	2392-39-4	0.4/1%	N/A	N/A
Sodium Phosphate	N/A	N/A	N/A	N/A
Sodium Citrate	6132-04-3	-	N/A	N/A
Dihydrate	N/A	N/A	N/A	N/A
Water for Injection	7732-18-5	q.s.	N/A	N/A

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation: Remove to fresh air. Oxygen administration, if needed.

Skin Contact: Rinse with water and soap for at least 15 minutes.

Eye Contact: Rinse with water for at least 15 minutes.

Ingestion: Flush out mouth with water. If conscious, do not induce vomiting.



Most Important Symptoms and Effects, Acute and Delayed: Chronic: effects on the adrenal glands and immune system. Acute: Eyes and skin irritation.

Immediate Medical Attention and Special Treatment: N/A

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: N/A

Unsuitable Extinguishing Media: N/A

Specific Hazards Arising from the Product: N/A

Special Protective Equipment and Precautions for Fire-Fighters: N/A

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear disposable latex, nitrile or rubber gloves and a lab coat.

Methods for Containment and Cleaning Up: Contain spill and soak up liquid with absorbent material.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling and Conditions for Safe Storage: Store between 15 and 30°C protected from light, heat and freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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

Notes

Appropriate Engineering Controls: N/A

Individual Protection Measures

Eye/Face Protection: N/A

Skin Protection: Disposable latex, nitrile, or rubber gloves and a lab coat.

Respiratory Protection: N/A



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless to pale yellow liquid.
Odour: Odorless liquid.
Odour Threshold: N/A
pH: 7.0-8.5
Melting Point and Freezing Point: N/A
Initial Boiling Point and Boiling Range: >100°C (>212°F).
Flash Point: N/A
Evaporation Rate: Approximately water rate.
Flammability (solid, gas): Not consider to be a fire hazard.
Upper and Lower Flammability or Explosive Limit: N/A
Vapour Pressure: N/A
Vapour Density (air = 1): N/A
Relative Density (water = 1): >1.000
Solubility in Water: Totally soluble.
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: This product is stable when store between 15 and 30°C, protected from light, heat and freezing.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Heat, freezing, light exposure and contact with incompatible chemicals.

Incompatible Materials: Oxidizing agents, strong acids and caustics.

Hazardous Decomposition Products: N/A

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion and Injection

Acute Toxicity

LD50 (IV) : Dexamethasone: mouse 1800 mg/kg, mouse 112mg/kg, Benzyl Alcohol: rat 1230 mg/kg, Sodium Sulfite: mouse 820 mg/kg

LD50 (IV) : rabbit 449mg/kg, mouse 170 mg/kg

Notes: Benzyl Alcohol → considered as tumorigenic and mutagen agent and may cause reproductive effects.

Skin Corrosion / Irritation: Mild irritation. Itching, burning sensation on skin. May cause allergic reaction



Serious Eye Damage / Irritation: Mild irritation. Stinging, watering and redness of the eyes. May cause allergic reaction.

STOT (Specific Target Organ Toxicity) - Single Exposure

Ingestion Hazard: Slightly toxic based on animal data. Possible allergic reaction due to the sulfite present in the solution.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Respiratory and/or Skin Sensitization: N/A

Notes: Injection: Local redness and pain. Cushing's syndrome, water retention, electrolyte imbalance, hypertension, hyperglycemia, myopathy and suppression of adrenal gland secretions may occur.

Carcinogenicity

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

Notes

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: Dispose of waste in respect with all regulatory agencies and laws.



SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group

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

Date of Latest Revision

14-06-2019

WHMIS 2015 Template Provided by CCOHS, 2015