Material Safety Data Sheet

**Simulated meperidne**

**instructional use only. Not**

**for human or animal use**



**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Demo Dose® Simulated Meperidne, 1 mL (100 mg/mL)

Product Code(s): 06-93-3117N

Recommended Use: Used exclusively as an educational resource for training purposes only.

 Not to be injected or infused in humans or animals.

Date Prepared: 12/15/13

Revision: 0.1

**SUPPLIER CONTACT INFORMATION**

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Product Description: 1 mL (approx.) purified water with reagent grade preservative to prevent microbial growth.

Ingredients: Proprietary mixture developed by Pocket Nurse, Incorporated, and protected as a Trade Secret.

**3. HAZARDS IDENTIFICATION**

Emergency Overview: Avoid contact with skin or eyes, or clothing; may cause eye and skin irritation If accidentally ingested, may cause mucosal and gastric irritation.

Hazard Class: Not regulated; non-hazardous; clear, colorless, odorless solution.

Health Hazard: No significant health hazard expected under normal storage and handling conditions

 Eyes: may cause irritation, stinging, tearing, redness

 Skin: may cause irritation and dryness

 Ingestion: gastrointestinal discomfort; Inhalation not anticipated

**4. FIRST AID MEASURES**

Eyes: Irrigate thoroughly with water (at least 15 minutes). Seek medical attention

Skin: Wash thoroughly with soap and water for at least 15 minutes. Seek medical attention if irritation persists

Ingestion: No ingestion anticipated from normal handling. If ingested and person is conscious, induce vomiting and seek medical attention.

Inhalation: No inhalation anticipated with normal handling. Product is ≥ 99% purified water.

Other: After first aid, get appropriate medical attention

**5. FIRE FIGHTING MEASURES**

Extinguishing Media: Use extinguishing media appropriate for surrounding fire

NFPA Rating: Health: 1; Fire: 0; Reactivity: 0

Fire Fighting Procedures: Normal precautions against smoke inhalation; do not enter any enclosed or confined space without wearing full protective clothing and Self-Contained Breathing Apparatus (SCBA) approved for firefighting

Flash Point and Method: Not applicable – Non-combustible liquid

Flammable Limits: Not applicable

Autoignition Temperature: Not applicable

**6. ACCIDENTAL RELEASE MEASURES**

General: Simulated Meperidne is stable at room temperature, under normal storage and handling conditions

Spill/Leak Procedures: Contain spill with appropriate absorbent material and dispose according to local regulations

Personal Precautions: Wear appropriate Personal Protective Equipment (PPE) based on accidental spill: gloves; gown; goggles if indicated

Environmental Precautions: Non-hazardous

Recovery: Dispose of product in accordance with all applicable local, state, and federal regulations

**7. HANDLING AND STORAGE**

General Storage: Store at room temperature. Check for cracks or dislodged caps before use. Do not freeze.

Handling: Personal Protective Equipment: gloves; gown/lab coat; safety goggles are recommended.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION (NORMAL USE)**

Occupational Exposure: Avoid contact with eyes, skin, and clothing. Wear appropriate PPE

Engineering Measures: Use local exhaust

PPE: Respiratory – Normally not required

 Hand – gloves: latex and non-latex per policy

 Eye – safety goggles

 Clothing – gowns/lab coat; lab apron

**9. PHYSICAL/CHEMICAL PROPERTIES**

Appearance and odor: Clear odorless solution

**10. STABILITY AND REACTIVITY**

Stability: Stable if stored at recommended conditions

Conditions to Avoid: Contains reagent grade preservative to prohibit microbial growth

Hazardous Decomposition

Products: None known

Materials to Avoid: Do not mix with other simulated products

**11. TOXICOLOGICAL INFORMATION**

Eye Effects: Eye irritant if splashed in eye

Skin: Irritant

Ingestion: No hazard anticipated incidental to normal simulated use

Inhalation: No hazard anticipated incidental to normal simulated use

Acute: See Section 3

Chronic: None identified

 No evidence of carcinogenic, mutagenic, or teratogenic effects

Carcinogenicity: Components not listed as carcinogens

**12. ECOLOGICAL INFORMATION**

Environmental: Data not available

Ecotoxicological: Data not yet available

Other: None known

**13. DISPOSAL CONSIDERATIONS**

Dispose of product in accordance with all applicable local, state, and federal regulations

**14. TRANSPORTATION INFORMATION**

Not regulated: Not to be injected or infused in humans or animals

ICAO/IAT/IMDG Class: Not regulated

U.S. DOT: Not regulated

**15. REGULATORY INFORMATION**

United States: SARA Title III (Superfund Amendments and Reauthorization Act)

 Section 311 Hazard Categories (40 CFR 370) – None

 Section 312 Threshold Planning Quantities (40 CFR 370): The threshold Planning Quantity (TPQ) of this product if treated as a mixture is 10,000 lbs. This product contains the following ingredients with a TPQ of less than 10,000 lbs. - None

 Section 313 Reportable Ingredients (40 CFR 372) - This product does not contain any toxic chemicals subject to the reporting requirements of Section 313, Title III of SARA of 1986

TSCA TSCA Inventory (40 CFR 710, Subpart b) – Not Applicable

Canada: WHMIS (Workplace Hazardous Materials Information system) - Not a controlled product under WHMIS

General: Symbols - Not classified as hazardous

 Risk Phrases - Not classified as hazardous

 Safety Phrases - Not classified as hazardous

 Supply Classification - Not regulated

**16. OTHER INFORMATION**

**NFPA Rating: Health = 1**

 **Flammability = 0**

 **Reactivity = 0**

 **Special = None**

NFPA Degree of Hazard Code: 4 = Extreme

 3 = High

 2 = Moderate

 1 = Slight

 0 = Insignificant

NFPA = National Fire Protection Association

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