

Bencodryl  
65456

# IMS

## INTERNATIONAL MEDICATION SYSTEMS LIMITED

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### MATERIAL SAFETY DATA SHEET

Emergency Phone: CUSTOMER SERVICE (800) 423-4136

Date: March 1, 1988

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#### SECTION I - IDENTIFICATION

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PRODUCT GENERIC NAME: Diphenhydramine Hydrochloride Injection, U.S.P.  
STOCK NUMBER: 1390  
NDC NUMBER: 0548-1390-00  
AVAILABLE FORMS: 50mg (1mL)

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#### SECTION II - PHYSICAL DATA

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BOILING POINT (°C): Unknown  
MELTING POINT (°C): N/A  
VISCOSITY: Unknown  
SOLUBILITY: Miscible with water and alcohol  
  
VAPOR PRESSURE: Unknown  
(mmHg & TEMP)  
SPECIFIC GRAVITY: N/A  
(H<sub>2</sub>O = 1)  
PERCENT VOLATILE: N/A  
VAPOR DENSITY: Unknown  
EVAPORATION: Water solvent will slowly evaporate  
APPEARANCE & ODOR: Clear, colorless, odorless solution

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SECTION III - TYPICAL COMPOSITION

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<u>Material</u>	(Approx.) <u>Percent</u>	<u>PEL (Permissible Exposure Limit)</u>
Diphenhydramine HCl	5	Unknown
1% w/v Hydrochloric Acid	*	Unknown
1% w/v Sodium Hydroxide	**	Unknown
Water for Injection	95	N/A

\*Negligible % of Hydrochloric Acid to adjust pH.

\*\*Negligible % of Sodium Hydroxide to adjust pH.

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SECTION IV - FIRE & EXPLOSION HAZARD DATA

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FLASH POINT: Unknown  
(TEST METHOD)

LEL (LOWER EXPLOSION LIMIT): N/A

UEL (UPPER EXPLOSION LIMIT): N/A

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical, foam

SPECIAL FIREFIGHTING PROCEDURES: Unknown

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SECTION V - HEALTH HAZARD DATA

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EFFECT OF OVERDOSE: Antihistamine overdosage reactions may vary from central nervous system depression to stimulation. Stimulation is particularly likely in children. Atropine-like signs and symptoms--dry mouth, fixed, dilated pupils; flushing--and gastrointestinal symptoms may also occur.

Stimulants should not be used.

Vasopressors may be used to treat hypotension.

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SECTION V - Continued

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LD<sub>50</sub> Oral: 500 mg/kg in rat  
Intravenous: 42 mg/kg in rat

SKIN CONTACT: Avoid direct skin contact. Wash affected skin surfaces immediately with mild soap and copious amounts of water.

EYE CONTACT: Flush eyes immediately with copious amounts of water. Seek medical attention if deemed necessary.

INHALATION: Unknown

ACCIDENTAL INGESTION: Induce vomiting. Seek physician's care.

SYSTEMIC: Diphenhydramine hydrochloride is an antihistamine with anticholinergic (drying) and sedative side effects. Antihistamines appear to compete with histamine for cell receptor sites on effector cells.

Diphenhydramine in the injectable form is effective for the following conditions when diphenhydramine in the oral form is impractical.

Antihistaminic: For amelioration of allergic reactions to blood or plasma; in anaphylaxis as an adjunct to epinephrine and other standard measures after the acute symptoms have been controlled; and for other uncomplicated allergic conditions of the immediate type when oral therapy is impossible or contraindicated.

Motion Sickness: For the active treatment of motion sickness.

Antiparkinsonism: For use in antiparkinsonism when oral therapy is impossible or contraindicated, as follows: parkinsonism in the elderly who are unable to tolerate more potent agents, mild cases of parkinsonism in other age groups, and in other cases of parkinsonism in combination with centrally acting anticholinergic agents.

Note: Reference the attached package insert for additional information.

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SECTION VI - SPECIAL PROTECTION INFORMATION

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**SKIN PROTECTION:** Adequate skin protection recommended including gloves.

**EYE PROTECTION:** Adequate eye protection recommended including safety glasses.

**RESPIRATORY PROTECTION:** N/A

**VENTILATION:** Local ventilation adequate.

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SECTION VII - REACTIVITY DATA

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**STABILITY:** Protect from light.

**CONDITIONS TO AVOID:** Temperature outside of 15°C to 30°C. Discoloration or particulate matter in solution.

**INCOMPATIBILITY:** Phenobarbital sodium and potassium iodide.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Unknown

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SECTION VIII - SPILL OR LEAK PROCEDURES

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**PRECAUTIONS IF MATERIAL IS RELEASED OR SPILLED:** Absorb onto paper. Wash spill site with copious amounts of water.

**WASTE DISPOSAL:** Approved chemical waste incineration or approved aqueous discharge to municipal or on-site wastewater treatment systems.

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