



# MATERIAL SAFETY DATA SHEET

Date: November 4, 1996

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## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Magnevist® Injection**

Active Ingredient Name: 1-deoxy-1-(methylamino)-D-glucitol dihydrogen[N,N-bis[2-bis(carboxymethyl)amino]ethyl]-glycinato-(5-)]gadolinic acid (2-)(2:1)

Product Description: Contrast medium for magnetic resonance imaging.

Manufacture:

Berlex Laboratories  
6 West Belt  
Wayne, NJ 07470

Emergency Telephone Number:

1-888-BERLEX-4

## II. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Exposure Limits	% by wt. (mg/L)
Gadopentate dimeglumine	Not Assigned	N/E	469.01
Meglumine	6284-40-8	N/E	0.39
Diethylenetriamine pentaacetic acid	67-43-6	N/E	0.15
Water	7732-18-5	N/E	

## III. HAZARDS IDENTIFICATION

Potential Health Effects

**CAUTION:** This is a pharmaceutical product available only with a prescription, for use only as directed.

## IV. FIRST AID MEASURES

**EYES:** Flush with copious amounts of water for at least 15 minutes. Ensure adequate flushing by separating the eyelid(s) with fingers. See a physician if irritation develops.

**SKIN:** Wash with soap and water.

**INGESTION:** If swallowed, call a physician.

**INHALATION:** Not an expected route of entry.

N/E - Not Established

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## V. FIRE FIGHTING MEASURES

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FLAMMABLE PROPERTIES: Not flammable, not combustible

FLAMMABLE LIMITS: N/A

AUTOIGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSTION PRODUCTS: None

EXTINGUISHING MEDIA: CO<sub>2</sub>, foam, or dry chemical as appropriate to the source of fire.

FIREFIGHTING INSTRUCTIONS: N/A

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## VI. ACCIDENTAL RELEASE MEASURES

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SMALL SPILL: Wear protective equipment. Absorb with appropriate material and place in appropriate container for disposal. Wash spill site after material is picked up.

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## VII. HANDLING AND STORAGE

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STORAGE: Protect from light. Keep tightly closed. Store at room temperature (15° - 30°C)

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## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Under normal use, none required.

RESPIRATORY PROTECTION: None normally required.

SKIN PROTECTION: None normally required. Gloves should be worn to clean up spills.

EYE PROTECTION: None normally required. Avoid eye contact.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT: 99.0°C

MELTING POINT: N/A

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

SOLUBILITY IN WATER: Soluble

DENSITY (37°C): 1.195 g/mL

pH: 6.5 - 8.0

ODOR: Odorless

APPEARANCE: Sterile, clear colorless to slightly yellow aqueous solution.

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## X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

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## XI. TOXICOLOGICAL INFORMATION

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EYE: Not determined

SKIN: May cause allergic reaction. May produce local irritation following injection.

INGESTION: Not tested.

INHALATION: Not tested.

CHRONIC/CARCINOGENICITY: Not tested.

TERATOLOGY: Not teratogenic.

REPRODUCTION: Handling risks not determined.

MUTAGENICITY: Not mutagenic.

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## XII. ECOLOGICAL INFORMATION

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ECOTOXICOLOGICAL INFORMATION: Not available

CHEMICAL FATE INFORMATION: Not expected to enter terrestrial or air compartments. Expected to enter aquatic compartment. Photodegradable; not readily biodegradable.

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## XIII. DISPOSAL CONSIDERATIONS:

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Observe all Federal, State, and local environmental regulations.

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## XIV. TRANSPORT INFORMATION

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Not regulated by the Department of Transportation (DOT). Can be shipped by all modes of transportation.

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## XV. REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS:

OSHA: Not regulated

CERCLA: SARA Hazard Category: Not regulated

SECTION 313: Not listed

### STATE REGULATIONS:

VOLATILE ORGANIC COMPOUNDS(VOC): None

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## XVI. OTHER INFORMATION

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### MSDS STATUS:

THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE.

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