



**OMNISCAN™**  
(Gadodiamide) Injection

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** OMNISCAN™

**Synonyms:** WIN 50678 Injection

**Manufacturer/Distributor:** GE Healthcare, Inc.  
101 Carnegie Center  
Princeton, NJ 08540-9998

**Technical Information No.:** (800) 654-0118

**CHEMTREC Emergency No.:** (800) 424-9300 for US / (708) 527-3887 outside US

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b><u>Ingredient :</u></b>	<b><u>CAS No.</u></b>	<b><u>% V</u></b>
Gadodiamide	122795-43-1	>25
Water	7732-18-5	>25
Caldiamide Sodium	12260-91-2	<5

### 3. HAZARD IDENTIFICATION

OMNISCAN™ is a gadolinium-based contrast agent for diagnostic magnetic resonance imaging (MRI) indicated for intravenous use to:

- Visualize lesions with abnormal vascularity in the brain, spine, and associated tissues.
- Facilitate the visualization of lesions with abnormal vascularity within the thoracic, abdominal, pelvic cavities, and the retroperitoneal space.

Warning: This is a pharmaceutical material available only with a prescription – use as directed.

**Physical & Chemical Hazard Ratings** (0 = no hazard)

**NFPA:** Health 0      Flammability 0      Stability 0  
**HMIS:** Health 0      Flammability 0      Stability 0

**Transportation Symbol:** None

**Emergency Overview:** Read package insert prior to use. As part of good laboratory practice, personal hygiene and safety procedure, avoid unnecessary exposure to this substance. If exposure occurs, flush the affected area with soap and water.

**Potential Health Effects:** Not expected to be a health hazard via routes of entry into the body (inhalation, Ingestion, absorption or injection). No adverse effects expected upon skin or eye contact. No adverse effects expected as a result of chronic exposure.

**4. FIRST AID MEASURES**

**Eyes:** In case of eye contact, immediately flush eyes with water for at least 15 minutes. Call a physician if irritation develops.

**Skin:** Wash exposed area with soap and water. Call a physician if irritation develops.

**Ingestion:** No adverse effects expected. Call a physician if cramping or nausea develops.

**Inhalation:** No adverse effects expected, which would require first aid or other medical assistance.

**Note to Physician:** Treat symptomatically

**5. FIRE FIGHTING MEASURES**

**Flammable Properties:** Not flammable

**Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Hazardous Combustion products:** Carbon oxides

**Explosion Data:** None

**Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENT RELEASE MEASURES**

**SPILLS:**

Since the quantity per vial is small (ml), spills can be absorbed with an inert material and discarded.

Wash the affected area with soap and water.

Ensure compliance with local, state and federal regulations.

## 7. HANDLING AND STORAGE

**Handling:** Always observe good laboratory and hygiene practices when handling. Avoid direct contact with the material. Wear appropriate protective clothing and impervious gloves.

**Storage:** Store at controlled room temperature at 20 - 25° C. Do not freeze or expose to heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** This product is considered not to be hazardous and has no occupational exposure limits (e.g. PEL, TLV, IDLH, etc.) established for it.

**Engineering Measures:** Eyewash station and good general room ventilation

**Eye/Face Protection:** Avoid contact with eyes & face use eye protection

**Skin & Body Protection:** Avoid contact with skin cover exposed skin

**Respiratory Protection:** Not required

**Hygiene Measures:** When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid solution

**Appearance:** Clear to pale yellow

**Odor:** Odorless

**Solubility:** Soluble in water

**Specific Gravity:** 1.15

**Viscosity:** 2.0 (@ 20°C)

**pH:** 5.5 – 7.0

**Flash Point:** None

**Autoignition Temperature:** None

**Flammable Limits:** None

**Boiling Point:** No data available

**Melting Point:** None

**Vapor Pressure (mm Hg):** No data available

**Evaporation Rate:** No data available

**Vapor Density:** No data available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under specified conditions of use and storage.

**Conditions to Avoid:** None known

**Incompatible Products:** None known

**Hazardous Decomposition Products:** None known

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Product does not present an acute toxicity hazard. Oral LD<sub>50</sub> = 19.7 g/kg (mice)

**Carcinogenicity:** No known carcinogenic effects.

**Reproductive Toxicity:** No known adverse reproductive effects.

**Target Organ Effects:** No known adverse effects to the eyes or skin.

**Endocrine Disruptor Information:** Does not contain known or suspected endocrine disruptors.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

## 13. DISPOSAL CONSIDERATIONS

If medical waste is involved, such as blood, blood products and/or sharps (needle/syringes, glass, etc.), the waste must be handled as a biohazard and disposed of accordingly. If not a biohazard, waste OMNISCAN™ is considered non-hazardous. Consult local, state and federal regulations for proper disposal.

## 14. TRANSPORT INFORMATION

**DOT:** Not regulated

**IATA:** Not regulated

**TDG:** Not regulated

**IMDG/IMO:** Not regulated

**MEX:** Not regulated

**RID:** Not regulated

**ICAO:** Not regulated

**ADR:** Not regulated

## 15. REGULATORY INFORMATION

**OSHA Hazard Communication:** This product is not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200) guidelines.

**CERCLA Reportable Quantities:** Not regulated

**SARA Title III:** Not regulated

**CWA:** Not regulated

**RCRA hazardous Waste Status:** Non-hazardous (See Section 12 for details)

**California Proposition 65:** Not regulated

**Mexico:** Minimum risk, Grade = 0

**Canada:** WHMIS Hazard Class = Non-controlled

## 16. OTHER INFORMATION

**Issue Date:** 31-Aug-07

**Revision Date:** 31-Aug-07

**Disclaimer:**

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**End of MSDS**