



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

Ingredient :	CAS No.	% V
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 LD₅₀ = 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:

This information is furnished without warranty, representation, or license of any kind, except that it is accurate to the best of GE Healthcare's knowledge or obtained from sources believed to be accurate. GE Healthcare does not assume any legal responsibility for use or reliance upon same. Customers are encouraged to conduct their own evaluation. Before using any product, read the product insert and label. OMNISCAN is a trademark of GE Healthcare. GE and GE Monogram are trademarks of the General Electric Company.

End of MSDS