

1. Product and company Identification

Product names: Omniscan
Synonyms: Gadodiamide
Application: Diagnostic imaging agent for injection
Supplier: GE Healthcare, Nycoveien 1-2, P.O. Box 4220, Torshov, N-0401, OSLO, Norway.
Emergency Number: +47-23185050. Fax: +47-23186000

2. Composition/information on ingredients

Composition:	Main ingredients:	CAS No.:	Content:	Hazard classification
	Gadodiamide	122795-43-1	~30%	None
	Purified water	7732-18-5	~70%	None
	Caldiamide Sodium	12260-91-2	~1%	None

Primary packaging: in plastic and glass bottles/containers and pre filled syringes

3. Hazards identification

Emergency overview: A clear colourless to pale yellow aqueous solution. Presents little hazard if spilled or in case of a fire

Potential adverse health effects: Regarded as having very low health hazard

4. First-aid measures

Skin contact: Wash skin with soap and water.
Inhalation: Not applicable
Eyes: Flush eyes with water. If persistent irritation occurs, seek medical advice.
Ingestion: Drink water to dilute the swallowed solution. Seek medical advice if large quantity (more than 1litre) has been consumed.

5. Fire-fighting measures

Flammability: Non flammable. Water-based formulation. Decomposition and Explosion Hazards: Not applicable

6. Accidental release measures

Clean up procedures: Small spills, clean up with a moist cloth or paper towel.
Larger spills, collect with absorbent material. If appropriate, flush down the drain, using cold water.
Contaminated area should be washed with soap and water.
Take appropriate precautions when broken glass is present

7. Handling and storage

Storage conditions: Store in original container at temperatures below 30° C. Protect from light, sunlight, localised heating sources. Do not freeze.

8. Exposure controls/personal protection

None required.

9. Physical and chemical properties

Appearance, colour: A clear aqueous solution. Colourless to pale yellow.
Odour: None Specific gravity: 1.15 at 25°C
Decomposition temperature, °C: Not applicable
Decomposition products: Not applicable
Solubility: Readily soluble in water pH: 5.5 – 7.0

10. Stability and reactivity

Stability: Stable under normal and anticipated storage and handling conditions.
Reactivity: Not applicable
Conditions or materials to avoid: Not applicable

11. Toxicological information

Acute Effects: The intravenous LD50 of the final dosage form in mice is 19.7g/kg, and in rat is 11.5g/kg.
Local Effects: Not applicable Inhalation Effects: Not applicable
Sensitisation: Not applicable Other Effects: Not teratogenic.

12. Ecological information

Environmental Fate: The preparation is easily soluble in water
Environmental Toxicity: The active ingredient is rated not toxic to fish, Daphnia, or algae
Biodegradability: Not readily biodegradable
Bio-accumulation potential: Not applicable

13. Disposal consideration

Clean-up procedure: Clean up with moist cloth or paper towel. Take care if in a glass bottle
Waste disposal method: Normal waste routes Not a regulated waste according to EU Commission Directive 91/689/EC and US EPA list of toxic chemicals. Dispose as non-hazardous liquid/dry waste.

14. Transport information

Hazard classification: Non Hazardous for all modes of transport.
Transport conditions: Shipping container must always be used. The product must never be split down to smaller units than the sales pack. The sales pack must never be used as the only distribution/transportation pack. Containers might be fragile, handle with care. Extra cushioning might be required/necessary.
Transport the product at temperatures (between 2° and 30° C). Protect from light, localised heating sources. The product must not be frozen.

15. Regulatory information

Health Hazard Classification: Not applicable Fire an Explosion Hazard Classification: Not applicable
Environmental Hazard Classification: Not applicable
R-phrases: Not applicable S-phrases: Not applicable
Other regulatory info: UK regulations: At the revision date (May 2003) of this PSDS, the product does not meet the hazard classification and labelling criteria of the CHIP2, Chemicals (Hazard Information and Packaging for Supply) regulations 1994.
US Federal Regulations: This product does not contain any ingredients which are regulated on the EPA List of Toxic Chemicals (40 CFR 372), and is therefore not subject to release reporting under Section 313 of EPCRA.

16. Other information

Disclaimer: Although reasonable care has been taken in the preparation of this document. We extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).
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