

**1. Product and company Identification**

Product names: N165, Medronate II  
Synonyms: Methylene diphosphonic acid as the sodium salt  
Application: Diagnostic imaging products for injection into humans  
Supplier: GE Healthcare Limited, The Grove Centre, White Lion Road, Amersham, Bucks, UK  
Telephone: +44 (0)1494 544000 Fax +44 (0)1494 543588

**2. Composition/information on ingredients**

Composition: White freeze dried powder  
Contents: Low toxicity components at mg level in 10 ml glass vials  
CAS No.: Mixture, Not applicable

**3. Hazards identification**

Emergency overview: Not considered to be hazardous  
Hazard classification: Not applicable

**4. First-aid measures**

Skin contact: Wash thoroughly with soap and warm water  
Inhalation: First aid not required  
Eyes: Rinse eyes with water  
Ingestion: First aid not required  
Information to medical personnel: Not applicable

**5. Fire-fighting measures**

Flammability: Not applicable

**6. Accidental release measures**

Personal protection: None required  
Clean up procedures: Clean up with moist cloth beware of broken glass  
Environmental precaution: None required

**7. Handling and storage**

Handling precautions: None required  
Storage conditions: Store in original vials at +2 to +25°C

**8. Exposure controls/personal protection**

Ventilation: None required when not reconstituted with radioactive material  
Protective gloves: None required when not reconstituted with radioactive material  
Eye protection: None required when not reconstituted with radioactive material  
Protective clothing: None required when not reconstituted with radioactive material

**9. Physical and chemical properties**

Appearance, colour: White Freeze dried solid in glass vial  
Solubility: Readily soluble in water pH: neutral when reconstituted with water

**10. Stability and reactivity**

Stability: Stable  
Reactivity: Not applicable

**11. Toxicological information**

LD <sub>50</sub> :	rabbit 50mg/kg	Acute Effects:	Not applicable at this concentration
Local Effects:	Not applicable at this concentration	Inhalation Effects:	Not applicable at this concentration
Sensitisation:	Not applicable at this concentration	Other Effects:	Not applicable at this concentration

**12. Ecological information**

Environmental Fate:	Not applicable at this concentration	Environmental Toxicity:	Not applicable at this concentration
Biodegradability:	Not applicable at this concentration	Bioaccumulation potential:	Not applicable at this concentration

**13. Disposal consideration**

Clean-up procedure: Clean up with moist cloth beware of broken glass

Waste disposal method: Normal waste route if non-radioactive

**14. Transport information**

ADR Classification: Non Hazardous

Transport conditions: Can be transported between -20 and +25 °C in the original transport packaging, The sales pack must never be used as the only distribution/transportation pack. Ensure packages are not subject to prolonged exposure to sunlight.

**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

**16. Other information**

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Status: Medronate II Version 1.2

Revision date: August 2006

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