



1. Product and company Identification

Product names: OSTEOSOL
 Synonyms: MDP, Medronate. Diphosphonic Acid
 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 +8°C protect from light

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		
Odour:	None	Specific gravity:	Not applicable
Melting point, °C:	Not applicable	Boiling point, °C:	Not applicable
Decomposition temperature, °C:	Not applicable	Decomposition products:	Not applicable
Solubility:	Readily soluble in water	pH :	Not applicable



10. Stability and reactivity

Stability: Stable

Reactivity: Not applicable

11. Toxicological information

LD₅₀: Low toxicity material

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: For the shipment from warehouse to the end user, transport at -20 to 8°C in temperature controlled packaging. The sales pack must never be used as the only distribution/transportation pack. Ensure packages are not subject to prolonged exposure to sunlight. For shipment from the manufacturer to stockholder, transport in temperature controlled packaging or temperature controlled vehicle at -20 to 8°C.

15. Regulatory information

Not applicable

16. Other information

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Prepared by: C Carrington from information from GI Pharma.