

MATERIAL SAFETY DATA SHEET (MSDS 00/99/EEC)

Mercury Spill Absorbing Powder

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY :

1.1 Identification of the Preparation:

Powder for the absorption of Mercury spills

1.2 Company Identification:

Guest Medical Limited, Enterprise Way, Edenbridge, Kent TN8 6EW

1.3 **Emergency Telephone Number:** 01732 867466 / International +44 1732 867466

2. COMPOSITION / INFORMATION ON ACTIVE INGREDIENTS :

Sodium thiosulphate 85%
Ethylenediamine tetra-acetic acid 15%

2.2 **Risk Phrases:** R 36 /37 /38 S 26 S36/ 37 /38

2.3 **Classification/symbol:** Irritant

3. HAZARDS IDENTIFICATION :

Irritant. Irritating to eyes, respiratory system and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing. Hygroscopic

4. FIRST AID MEASURES :

If swallowed, wash out mouth with water provided person is conscious. Call a Physician.

If inhaled, remove to fresh air. If breathing becomes difficult call a Physician.

In case of contact with skin, immediately wash with soap and copious amounts of water.

In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes assure adequate flushing by separating the eyelids with fingers. Call a Physician

5. FIRE FIGHTING MEASURES :

5.1 **Special fire fighting procedures:** Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Cool fire-exposed containers with water

5.2 **Products of combustion:** Emits toxic fumes under fire conditions – could be Sulfur oxides, Carbon monoxide, Nitrogen oxides

5.3 **Fire fighting procedures / extinguishing media:** Water spray, Carbon dioxide dry chemical powder or appropriate foam

6. ACCIDENTAL RELEASE MEASURES :

6.1 **Personal protection:** Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

- 6.2 Methods of cleaning up:** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
- 7. HANDLING AND STORAGE :**
- 7.1 Precautions during handling:** Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.
- 7.2 Precautions during storage:** Do not store in heat or direct sunlight. Keep tightly closed. Store in a cool dry place. Avoid contact with acid
- 8. EXPOSURE CONTROLS / PERSONAL PROTECTION :**
- 8.1 Special protective measures:** Safety shower and eye bath. Mechanical exhaust required.
- 8.2 General hygiene measures:** Wash thoroughly after handling.
- 8.3 Personal protective measures:** Respiratory Protection: Wear dust mask
Hand Protection: Protective gloves
Eye Protection: Chemical safety goggles
- 9. PHYSICAL AND CHEMICAL PROPERTIES :**
- 9.1 Physical state:** White crystalline powder.
- 9.2 Odour:** none
- 9.3 Solubility in water:** Very soluble
- 9.4 Vapour pressure:** Not determined.
- 9.5 Flammability** Non-flammable
- Flash point:** N/A
- Autoignition temperature:** N/A
- 10. STABILITY AND REACTIVITY:**
- 10.1 Stability:** Stable under normal conditions for use. Avoid contact with strong acids and oxidising agents.
- 10.2 Materials to avoid:** Hazardous polymerisation will not occur.
- 10.3 Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide, Nitrogen oxide.
- 10.4 Hazardous Polymerisation:** Will not occur
- 11. TOXICOLOGY INFORMATION :**
- 11.1 Acute Toxicity:**
LD50
Intraperitoneal Mouse – 5200mg/KG
Rat > 200mg/KG
- 11.2 Signs and Symptoms of Exposure** To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.
- 11.3 Route of Exposure**
Skin Contact. May cause skin irritation

Skin Absorption:	May be harmful if absorbed through the skin
Eye Contact:	May cause eye irritation.
Inhalation:	Material may be irritating to mucus membranes and upper respiratory tract.
Ingestion:	May be harmful if swallowed.

12. ECOLOGICAL INFORMATION:

Data not yet available

13. DISPOSAL CONSIDERATIONS :

Contact a licenced professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustable solvent and burn in a chemical incinerator equipped with an after burner and scrubber. Observe all federal, state and local environmental regulations.

14. TRANSPORTATION INFORMATION :

14.1 RID/ADR

Non-hazardous for road transport

IMDG

Non-hazardous for sea transport

IATA

Non-hazardous for air transport

15. REGULATORY INFORMATION :

Not hazardous according to Directive 67/548/EEC

COUNTRY SPECIFIC

Germany

WGK: 1

SWITZERLAND

SWISS POISON CLASS: 4

16. OTHER INFORMATION :

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product Guest Medical Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. Licence granted to make unlimited paper copies for internal use only.

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