Guest Medical

SAFETY DATA SHEET

Mercury Absorbent Powder

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Mercury Absorbent Powder for use with Mercury Spill Kit, Code H9512

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses For the absorption of, and amalgamation with, spilt Mercury as part of the Mercury Spill Kit.

1.3. Details of the supplier of the safety data sheet

Supplier Guest Medical Limited

Unit A6, Larkfield Trading Estate, New Hythe Lane, Aylesford. Kent. ME20 6SW
T: +44(0) 1622 791895, (Hours 09:00- 17:00 Mon to Fri)
F: +44(0) 1622 716309
enquiries@guest-medical.co.uk

Emergency telephone number: +44 (0) 1622 791 895 (English language service only.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008
Acute toxicity, Inhalation (Category 4), H332

For the full text of H – Statements mentioned in this section, see Section 16

2.2. Label elements

Pictogram

Signal word Warning

Hazard statements

H332	Harmful if inhaled.
H373	May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

Precautionary statements

P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM THIOSULPHATE **CAS number:** 7772-98-7 **EC number:** 231-867-5	**90 - 95%**
Classification Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008	
ETHYLENE DAIMINE-TETRA-ACETIC ACID **CAS number:** 6381-92-6 **EC number:** 205-358-3	**5 - 7%**
Classification Acute Tox. 4 ; STOT RE 2 ; H332, H373	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General Advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation
Move affected person to fresh air. If not breathing give artificial respiration. Consult a physician.

Ingestion
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Skin contact
Wash off with soap and plenty of water. Consult a physician.

Eye contact
Flush eyes with water as a precaution.

4.2. Most important symptoms and effects, both acute and delayed. See section 2.2 and 11

4.3. Indication of any immediate medical attention and special treatment needed. No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

5.2. Special hazards arising from the substance or mixture
No data available.

5.3. Advice for firefighters
Wear self-contained breathing apparatus for fire-fighting if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

6.2. Environmental precautions
Do not let product enter drains

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Collect and place in suitable closed containers for disposal. Sweep up and shovel. Avoid generation and spreading of dust.

6.4. Reference to other sections
For disposal see section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2

7.2. Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry well-ventilated place. Do not store near acids.

7.3. Specific end use(s)

None specified

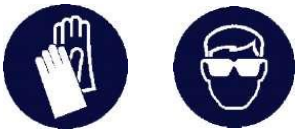
SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Contains no substances with occupational exposure limit values

8.2 Exposure controls

Protective equipment



Appropriate engineering controls

No specific ventilation requirements. Handle in accordance with good industrial hygiene & safety practice.

Eye/face protection

Safety glasses with side shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands afterwards. The selected protective gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the product at the specific workplace.

Respiratory protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environmental exposure controls

Do not allow undiluted product to enter drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	**P**owder
Colour	White.
Odour	Odourless
pH	4.0**-** 5.5 at 10 g/l at 23^{0}C
Melting point	248^{0}C
Flash point	No data available.
Solubility(ies)	Soluble in water – 100 g/l at 20℃
Oxidising properties	No data available.

9.2. Other information No data available.

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SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.

10.2. Chemical stability
Stability
Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
No data available.

10.5. Incompatible materials
Materials to avoid
Strong acids, Strong oxidizing agents.

10.6. Hazardous decomposition products
No data available.

Hazardous decomposition products formed under fire conditions – Sulphur oxides, Sodium oxides.

In the event of fire: see section 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects - Toxicological information of the active ingredient troclosene sodium

Acute toxicity - LD50 Oral – rat – male and female – >8000 mg/kg

Inhalation – Does not cause respiratory system irritation.

Ingestion – no data available.

Skin contact - Skin irritation should not occur when used as recommended.

Eye contact – No data available.

Germ Cell mutagenicity - No data available.

Carcinogenicity – IARC No component of his product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Additional information
RTECS: XN6476000
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological Information

Ecotoxicity.

12.1. Toxicity
Toxicity to Fish LC50- Gambusia affinis (Mosquito fish) – 24,000 mg/l – 96 h

12.2. Persistence and degradability
There are no data on the degradability of this product.

12.3. Bioaccumulative potential
No data available.

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects –
No data available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

14.1. UN Number

ADR/RID: - IMDG: - IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4. Packing group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

ADR/RID: no IMDG: marine pollutant: no IATA: - no

14.6. Special precautions for user

No data available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition)
L131. Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Revision date	09.11.2017
Revision	3
Supersedes date	19. 05.2015
SDS number	12771

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Hazard statements referred to in section 2 and 3 in full

H332	Harmful if inhaled
H373	May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.