



SAFETY DATA SHEET

1. Identification of the substance/preparation and the company

PRECIPITATED BARIUM SULPHATE / BLANC FIXE

Richard Baker Harrison Ltd
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2. Composition/information on ingredients

Barium Sulphate 97 - 100 %

CAS.NO: 7727-43-7 EINECS: 231-784-4

3. Hazards identification

Substance non classified according to Directive 67/548/EEC

4. First-aid measures

First Aid – Inhalation	Remove the subject from dusty environment and let him blow his nose.
First Aid – Eyes	Flush eyes with running water for several minutes, while keeping the eyelids wide open. Consult with an ophthalmologist in case of persistent pain.
First Aid – Skin	Wash thoroughly with soap and water
First Aid – Ingestion	Wash out mouth with water.
Advice to Physicians	Treat symptomatically.

5. Fire-fighting measures

Extinguishing media: Not combustible. All means of extinguishing are acceptable.

6. Accidental release measures

Dry spillage	Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Dampen down with water if possible.
Moist spillage	Sweep up into suitable containers for recovery or disposal.

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7. Handling and storage

Handling Avoid creating a dust. Avoid inhaling dust.

Storage Storage area should be dry and well ventilated.

8. Exposure controls/Personal protection

Occupational exposure standards

Substance

Occupational Exposure Limits 8 Hour TWA

Respirable Dust

mg/m³

Barium Sulphate

10 MEL EH40

General Information Use of the basic principles of Industrial Hygiene will enable this material to be used safely. Local exhaust ventilation is recommended when dust is likely to be generated from the handling of dry material. Wherever practicable, the product should be handled within a closed system.

Respiratory protection Dust respirator if conditions are dusty.

Hand protection PVC gloves.

Eye protection Chemical goggles or face shield.

Body protection Normal work wear, overall or apron.

9. Physical and chemical properties

Form: powder
 Colour: white
 Odour: odourless
 Flash point: not applicable
 Solubility in water: Insoluble
 Vapour pressure: not applicable
 Density: approx. 4300 kg/m³
 Flammability: non-flammable
 Explosive limits: not applicable
 Ignition temperature: not applicable

10. Stability and reactivity

Stability Stable under normal conditions.

Materials to avoid Negligible

Hazardous decomposition products Sulphur oxide(s)

11. Toxicological information

Acute toxicity	Oral route, LD 50, >2000 mg/kg, Rat
Irritancy	No data
Chronic toxicity	Inhalation, after repeated exposure, rat, Target organ : respiratory system, 40mg/m ³ , no observed effect.

No appreciable toxic effects.

12. Ecological information

Acute ecotoxicity	Crustaceans, Daphnia sp., EC 50, 48 h, 32 mg/l Result : toxicity threshold above hydrosolubility.
Mobility	The product is involatile and insoluble and will accumulate in the ground.
Persistence/Degradability	The product is resistant to biodegradation.

13. Disposal considerations

May be disposed of in approved landfills provided local regulations are observed.
Return large quantities to manufacturer.

14. Transport information

No special requirements for transportation by sea, road, rail or air.

15. Regulatory information

Labelling Information	Not subject
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16. Other Information

This data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.