

1. Identification

Product Code **CB1404-56**

Product Name **BARIUM CARBONATE pure**

Molecular Formula BaCO_3 =197.34

CAS Number 513-77-9

Supplier:  **BEECROFT & PARTNERS**
 Northfield Road
 Rotherham
 South Yorkshire

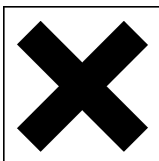
Phone 01709-377881
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 24hr 112
 (Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Barium compounds	513-77-9	208-167-3	> 99.0%	Xn : R22	OES

3. Hazards Identification



Harmful if swallowed.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Use approved personal protective equipment.

Environmental Presents no major environmental hazard.

6. Accidental Release Measures (continued)

Major Spillage	Shovel/sweep up into container for removal Wash area down with copious amounts of water.
Minor Spillage	Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains dust concentrations below the recommended limits.
Storage Conditions	Well ventilated, cool, dry storage .

8.1 Occupational Exposure Limits

Occupational Exposure Standard	Long Term (8hr TWA):	-	ppm	0.5000	mg m-3
	Short Term (15min Period):	-	ppm	-	mg m-3

8.2 Personal Protection

Respiratory	If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	White powder.
Odour	Odourless.
pH	8 @ 20 °C
Boiling point	1450.0 °C
Melting point	999.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not available
Relative Density	Not available
Water Solubility	Sparingly soluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	No specific conditions.
Materials to Avoid	Acids.
Hazardous Decomposition Products	None unusual.

11. Toxicological Information

Eyes	Contact with the solid or dust will be irritating to the eyes.
Skin	Contact with the solid or dust will be irritating to the skin.
LD50 Skin	Not available
Ingest	Ingestion may cause severe internal irritation and damage, nausea, vomiting, abdominal pains and diarrhoea.

11. Toxicological Information (continued)

LD50 Ingest	Not available
Inhalation	Prolonged exposure to dust or fume concentrations above the occupational exposure limits may produce irritation of the eyes, nose, throat and respiratory tract.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

No specific environmental hazard.

13. Disposal Considerations

Disposal Methods	Do not dispose of as domestic waste.
Contaminated Packaging	Wash out containers with water.

14. Transport Information

Proper Shipping Name	Barium compounds n.o.s.
UN Number	1564
UN Classification	6.1 Toxic
Subsidiary Risk	None
Flash Point	Not available
Packing Group	III
Marine pollutant	No
ADR Hazard ID	60

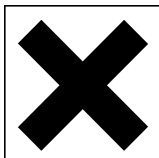


15. Regulatory Information

Labelling	Harmful.
Classification	

Label Symbols

Xn



Risk & safety Phrases	Harmful if swallowed. Keep out of reach of children. Avoid contact with skin and eyes.
EEC Number	208-167-3

16. Other Information

Document Information	This document has been prepared in accordance with directive 88/379/EEC. The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. Revision Date: 19/11/03. Data reviewed and PDF file generated: 07/06/04. Copyright 2004 Beecroft & Partners.
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