

Coral Essentials - Safety Data Sheet

Section 1: Identification

Product Name: Coral Power Barium

Chemical Name/Synonyms: Nil

Company: RC Coral Pty Ltd, Unit 12, 45 Canberra St, Hemmant, QLD, 4174. Ph +61 428993241

In emergency call: Australia – 131126. For other countries call your local emergency or poisons hotline number.

Section 2: Hazard(s) Identification

Hazard Classification: Acute Toxicity – Oral: Category 5.
Eye Damage/Irritation: Category 3
Skin Corrosion/Irritation: Category 3

Signal Word(s): Warning

Hazard Statements: H302 - Harmful if swallowed
H316 - Causes mild skin irritation
H320 - Causes eye irritation

Precautionary Statements:

P264 Wash hands thoroughly after handling.
P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with soap and water.
P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.

Pictograms:



Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Concentration
Barium Chloride dihydrate	BaCl ₂ .H ₂ O ₂	10326-27-9	≤ 0.11%
Water	H ₂ O	7732-18-5	≥ 99.89%

Section 4: First-Aid Measures

Inhalation: If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Immediately obtain medical aid if cough or other symptoms appear.

Ingestion: Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. Give water to drink. DO NOT INDUCE VOMITING. Seek medical advice if symptoms persist.

Skin: Wash affected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.



Eye contact: Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist.

Advice to Doctor: Treat symptomatically based on judgement of doctor and individual reactions of the patient.

Section 5: Fire-Fighting Measures

Substance is non-flammable.

Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters: Not applicable

Section 6: Accidental Release Measures

Personal precautions: Avoid substance contact

Measures for cleaning/collecting: Wipe up with damp disposable cloth not used for any kitchen activity, wash thoroughly and dispose of accordingly straight after use.

Section 7: Handling and Storage

Handling: Avoid ingestion and inhalation of vapor or liquid. Avoid contact with eyes, skin, and clothing. If ingested, seek medical advice immediately.

Storage: Store in a tightly closed container as supplied, in a cool, dry area. Keep well closed and protected from direct sunlight. Protect against physical damage.

Section 8: Exposure Controls/Personal Protection

Prolonged exposure to the substance is extremely unlikely. Contact time with open container is less than 2 minutes per week based on daily dosing via drops and less for adding the product to RODI water and dosing via dosing pumps. The time waited average (TWA) exposure levels are well below acceptable limits.

General protective and hygienic measures: Nil

Breathing equipment: Nil

Protection of hands: Nil

Eye protection: Nil

Section 9: Physical and Chemical Properties

Form: Liquid

Appearance: clear, slightly cloudy

Odour: Slight odour

Decomposition: Loses H₂O via evaporation at room temperature

Boiling Point (°C): Not determined

Freezing Point (°C): Not determined

Melting Point (°C): Not determined

Solubility in Water: Soluble in all proportions

Solubility in Organic Solvents: Not determined

Specific Gravity @25 °C: ~3.1g/mL

pH 5.0 - 7.0 (50 g/l, 25 °C): neutral in solution

Volatile Component: 0 %vol @ 25 °C

Flammability: Non-combustible material

**Section 10: Stability and Reactivity**

Chemical stability: Stable under ordinary conditions of use and storage.
Conditions to avoid: Nil
Incompatible materials: Nil
Hazardous decomposition products: Nil

Section 11: Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. If mishandled or overexposed to this product the following symptom or effects may occur

Skin: May cause irritation
Eye: May cause irritation and redness
Inhalation: May cause irritation to the respiratory tract
Ingestion: Large oral doses may cause irritation to the gastrointestinal tract, with nausea and vomiting.
Carcinogenic effects: No evidence of carcinogenic properties
Mutagenic effects: No evidence of mutagenic properties
Reproductive toxicity: Nil

Section 12: Ecological Information

No ecological problems are to be expected when the product is handled and used with due care and attention.

Ecotoxicity: Quantitative data on the ecological effect of this product are not available
Environmental Protection: Nil

Section 13: Disposal Considerations

Disposal Consideration: Product should be used completely before disposing. Rinse empty container in water and dispose of in appropriate recycling facilities.

Section 14: Transport Information

Transport Information: Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road, Rail and Air

Section 15: Regulatory Information

Industrial Chemicals (Notification and Assessment) Act Australia 1989:

All ingredients are listed on or exempt from the Australia Inventory of Chemical Substances (AICS).

Section 16: Other Information

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