

Safety Data Sheet

Quickdrop Carbonate Hardness Test Kit

1. Identification of the material and supplier

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| Product name: | Quickdrop Carbonate Hardness Test Kit |
| Component names: | Indicator solution |
| Manufacturer's Product Code: | 92057 |
| Recommended Use: | Testing of Carbonate Hardness in aquariums |
| Company: | Kong's (Aust.) Pty Limited |
| Address: | 97 Williamson Rd Ingleburn, NSW, 2565 |
| Telephone Number: | +61 (2) 8796 5188 |
| Fax Number: | +61 (2) 8796 5199 |

2. Hazards Identification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

3. Composition/Information on Ingredients

Bromocresol green (C₂₁H₁₄O₅Br₄S)

CAS No.: 76-60-8
Percent Range: <10%
LD50: None reported
LC50: None reported
Hazard: May cause irritation.

Sulphuric Acid (H₂SO₄)

CAS No.: 7664-93-9
Percent Range: <10%
LD50: None reported
LC50: None reported
Hazard statements:
Risk Statements:
Safety Notices:

H314 - Causes severe skin burns and eye damage

R35 – Causes severe burns

S(1/2) – Keep locked up and out of reach of children

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S45 – In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)



Distilled Water (H₂O)

CAS No.: 7732-18-5
Percent Range: >60%
LD50: None reported
LC50: None reported
Hazard: No effects anticipated.

Ethanol (C₂H₆O)

CAS No.: 64-17-5
Percent Range: 10-<30%
LD50: 3450 mg/kg Oral Mouse, 6300 mg/kg Oral Rabbit, 7060 mg/kg Oral Rat
LC50: 39 gm/m³/4H Inhalation Mouse, 20000 ppm/10H Inhalation Rat
Hazard statements: F – Flammable
Risk Phrases: R11 – Highly Flammable
Safety Notices: S2 – Keep out of reach of children
S7 – Keep container tightly closed
S16 – Keep away from ignition sources – no smoking

**4. First Aid****Inhalation:**

Not expected to require first aid measures

Ingestion:

If large amounts are swallowed, give water to drink and seek medical advice

Skin Contact:

Wash exposed area with soap and water. Seek medical advice if irritation develops

Eye Contact:

Wash thoroughly with running water. Seek medical advice if irritation develops

5. Fire Fighting Measures

Flammable Properties: Flammable liquid and vapours.

Flash Point: 16°C

Hazardous Combustion Products: Toxic fumes of: carbon monoxide, carbon dioxide.

Fire / Explosion Hazards: Flammable Liquid May react violently with: strong oxidizers

Extinguishing Media: Carbon dioxide Dry chemical. Alcohol foam.

Fire Fighting Instruction: As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

6. Accidental Release Measures**Exposure Controls/Personal Protection****Ventilation System:**

Not expected to require any special ventilation

Skin Protection:

Wear protective gloves and clean body-covering clothing

Eye protection:

Safety glasses

Spill or Release Procedures:

Wear appropriate personal protective equipment as specified above. Contain and recover liquid where possible. Collect liquid in an appropriate container or absorb with inert material (e.g. dry sand). Do not use combustible material such as paper or saw dust.

7. Handling and Storage

Precautions for Safe Handling:

Not classified as dangerous goods

Special Precautions & Conditions

For Safe Storage:

Store with lid sealed at <30°C
Wash hands after use.

8. Exposure controls and personal protection

Engineering Controls: Have an eyewash station nearby. Have a safety shower nearby. Use general ventilation to minimize exposure to mist, vapour or dust. Maintain general industrial hygiene practices when using this product.

Personal Protective Equipment:

Eye Protection: safety glasses with top and side shields

Skin Protection: disposable latex gloves lab coat

Inhalation Protection: adequate ventilation

Precautionary Measures: Avoid contact with: eyes skin clothing Do not breathe: mist/vapour Wash thoroughly after handling.

Keep away from: oxidizers heat

9. Physical & Chemical Properties

Appearance:

Translucent blue-green liquid

Odour:

Odourless

Solubility:

Completely soluble in water

Specific gravity:

0.98

pH:

N/A

10. Stability & Reactivity

Stability:

Stable under ordinary conditions of use and storage

Hazardous Decomposition Products:

No hazardous decomposition products

Hazardous polymerisation:

Will not occur

Incompatibilities:

No incompatible data found

Conditions to avoid:

No information found

11. Toxicological Information

NTP Carcinogen

| Ingredient | Known | Anticipated | IARC Category |
|-------------------|--------------|--------------------|----------------------|
| Bromocresol Green | No | No | None |
| Ethanol | No | No | None |
| Water | No | No | None |

12. Ecological Information

Environmental Fate: No information found

Environmental Toxicity: No information found

13. Disposal Considerations

Dispose of in accordance to local, state and federal laws.

14. Transport Information

Not regulated

15. Regulatory Information

Not regulated

16. Other information

Date of preparation: 26/07/2021

The above information is believed to be correct but does not claim to be all inclusive and should 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. Kong's (Aust) Pty Limited shall not be held liable for any damage resulting from handling or from contact with the above product.