

# Safety Data Sheet

## Quickdrop pH Test Kit

### 1. Identification of the material and supplier

<b>Product name:</b>	Quickdrop pH Test Kit (reagent only)
<b>Component names:</b>	Indicator solution
<b>Manufacturer's Product Code:</b>	92000, 92001, 92072
<b>Recommended Use:</b>	Testing of pH in freshwater aquariums
<b>Company:</b>	Kong's (Aust.) Pty Limited
<b>Address:</b>	97 Williamson Rd Ingleburn, NSW, 2565
<b>Telephone Number:</b>	+61 (2) 8796 5188
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### 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

#### Sodium Hydroxide (NaOH)

CAS No.: 1310-73-2

Percent Range: <10%

LD50: LD50 (Oral, rat) = 100 mg/kg for anhydrous sodium hydroxide

LC50: None reported

Hazard statements:

H314 – Harmful Causes severe skin burns and eye damage

Risk Phrases:

R35 – Causes severe burns

Safety Notices:

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

S37/39 – Wear suitable gloves and eye/face protection

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



#### Bromthymol Blue (C<sub>27</sub>H<sub>28</sub>Br<sub>2</sub>O<sub>5</sub>S)

CAS No.: 76-59-5

Percent Range: <10%

LD50: None reported

LC50: None reported

Hazard: May cause irritation.

**Distilled Water (H<sub>2</sub>O)**

CAS No.: 7732-18-5  
Percent Range: 30-60%  
LD50: None reported  
LC50: None reported  
Hazard: No effects anticipated.

**Ethanol (C<sub>2</sub>H<sub>6</sub>O)**

CAS No.: 64-17-5  
Percent Range: 30-60%  
LD50: 3450 mg/kg Oral Mouse, 6300 mg/kg Oral Rabbit, 7060 mg/kg Oral Rat  
LC50: 39 gm/m<sup>3</sup>/4H Inhalation Mouse, 20000 ppm/10H Inhalation Rat  
Hazard statements: H225 – 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:** Light green to amber solution

**Odour:** Odourless

**Solubility:** Completely soluble in water

**Specific gravity:** ~1.0

**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

Ingredient	NTP Carcinogen		IARC Category
	Known	Anticipated	
Bromothymol Blue Sodium Salt	No	No	None
Sodium Hydroxide	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**

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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.