Safety Data Sheet

Quickdrop Ammonia Test Kit

1. Identification of the material and supplier

Product name:	Quickdrop Ammonia Test Kit
Manufacturer's Product Code:	92053
Recommended Use:	Testing of ammonia levels 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

Reagent A

Sodium Hydroxide (NaOH)

CAS No.: 1310-73-2
Percent Range: 10-<30%
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)

Distilled Water (H_2O)

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

Hazard:	No effects anticipated.

Reagent B

Mercuric Iodide (HgI_2)

CAS No.: 21908-53-2
Percentage Range: <10%
LD50: Oral (LD50): Acute: 15 mg/kg [Rat].
17 mg/kg [Mouse].
Dermal (LD50): Acute: 75 mg/kg [Rat]
LC50: No information available
Hazard: Possible risk of harm to the unborn child.
Harmful in contact with skin and if swallowed.
Irritating to eyes, respiratory system and skin.

Potassium Iodide (KI)

CAS No.: 7681-11-0
Percent Range: 10-<30%
LD50: No information available
LC50: No information available
Hazard: No effects anticipated.

Distilled Water (H_2O)

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

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

5. Fire Fighting Measures

Substance is incombustible, select fire fighting measures according to the surrounding conditions.

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.
Reagent A only:	**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid. **Large Spill:** Corrosive liquid. Poisonous liquid. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Neutralize the residue with a dilute solution of acetic acid.

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

	Reagent A	Reagent B
Appearance:	Colourless liquid	Colourless liquid
Odour:	Odourless	Characteristic alcoholic odour
Solubility:	Completely soluble in water	Completely soluble in water
Specific gravity:	~1.0	~1.0
pH:	>10	N/A

10. Stability & Reactivity

Reagent A:

Stability:	Stable under ordinary conditions of use and storage
Hazardous Decomposition Products:	No hazardous decomposition products
Hazardous polymerisation:	Will not occur
Incompatibilities:	Reactive with oxidizing agents, reducing agents, metals, acids, alkalis.
Conditions to avoid:	Excess heat, incompatible materials, water/moisture
Corrosivity:	Extremely corrosive in presence of aluminum, brass. Corrosive in presence of copper, of stainless steel(304), of stainless steel(316). Non-corrosive in presence of glass.

Reagent B:

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**
Sodium hydroxide	No	No	None
Mercuric Iodide	No	No	None
Potassium Iodide	No	No	None
Water	No	No	None

Reagent A:

Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (corrosive), of ingestion

Reagent B:

Chronic Effects on Humans:

May cause damage to the following organs: kidneys, gastrointestinal tract, skin, central nervous system (CNS), teeth.

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

DOT Classification: Class 8: Corrosive material
Identification: : Sodium hydroxide, solution (Sodium hydroxide)
UNNA: UN1824 PG: II
Special Provisions for Transport: Not available.

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.