

Safety Data Sheet

Quickdrop Nitrite Test Kit

1. Identification of the material and supplier

Product name: Quickdrop Nitrite Test Kit
Manufacturer's Product Code: 92054
Recommended Use: Testing of nitrite 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:

4-Aminobenzenesulphonic acid (C₆H₇NO₃S) [Sulfanilic acid]

CAS No.: 121-57-3

Percent Range: <10%

LD50: Oral - rat - 12,300 mg/kg

LC50: None reported

Hazard Statements: H315 - Causes skin irritation
H317 – May cause an allergic skin reaction
H319 – Causes serious eye irritation

Risk Statements: R36/38 – Irritating to skin and eyes
R43 – May cause sensitisation by skin contact

Safety Notices: S(2) – Keep out of reach of children
S24 – Avoid contact with skin
S37 – Wear suitable gloves



Distilled Water (H₂O)

CAS No.: 7732-18-5

Percent Range: >60%

LD50: None reported

LC50: None reported

Hazard: No effects anticipated.

Reagent B:

1-Naphthylamine hydrochloride

CAS No.: 552-46-5

Percentage Range:

LD50: None reported

LC50: None reported

Hazard:

H302 - Harmful if swallowed

H411 - Toxic to aquatic life with long lasting effects



Tartrazine (C₁₆H₉N₄Na₃O₉S₂)

[Trisodium (4*E*)-5-oxo-1-(4-sulfonatophenyl)-4-[(4-sulfonatophenyl)hydrazono]-3-pyrazolecarboxylate]

CAS No.: 1934-21-0

Percentage Range:

LD50: None reported

LC50: None reported

Hazard: No effects anticipated.

Distilled Water (H₂O)

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 thoroughly with running water. Seek medical advice if irritation develops

5. Fire Fighting Measures

Flammable Properties: May be combustible at high temperature.

Flash Point: Not available

Hazardous Combustion Products: Toxic fumes of: carbon and nitrogen oxides.

Fire / Explosion Hazards: No information available.

Extinguishing Media: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

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

Reagents A & B:

Appearance:	Colourless 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	
4-Aminobenzene Sulphonic acid	No	No	None
1-Naphthylamine hydrochloride	No	No	None
Tartrazine	No	No	None
Water	No	No	None

GHS Hazard Category:

Reagent A -	Eye irritation - category 2 Skin irritation - category 2
Reagent B -	Skin sensitisation - category 1 Acute toxicity - category 4

12. Ecological Information

Environmental Fate:	No information found
Environmental Toxicity:	No information found

GHS Hazard Category:

Reagent B -	Hazardous to the aquatic environment (chronic) - category 2
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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.