



Nevizh™

NEVIZH PRIVATE LIMITED

CIN: U20299TN2025PTC180288

No. 15, Venugopal Street, Ponneri,

Dist. Tiruvallur - 601204, Tamil Nadu

www.nevizh.com

Safety Data Sheet

Review Date: 11 MAY 2026

Section-1: Product Identification and company information

Product Name: HeteroMight™ Track

Intended Use: HeteroMight™ Track is a Semi-Quantitative Ammonia detection kit (0-10 PPM) applied in Shrimp and Fish Ponds for the dissolved ammonia detection.

Company Name [Manufacturer]: Nevizh Private Limited

Address: No. 15, Venugopal Street, Ponneri- 601204 Thiruvallur Dist., Tamil Nadu, INDIA

Section-2: Hazard Identification:

Hazard Statement:

- The ingredients of the kit components comprise both organic and inorganic chemicals, categorized under Corrosive, Toxic and Oxidizer.
- May cause skin/eye irritation, severe burns to skin, eyes, and mucous membranes. Also, it is harmful, if inhaled or swallowed.

Precautions:

- Avoid accidental exposure to the kit reagents, such as inhaling/swallowing or direct skin contact.
- Essential Personnel protective equipment (PPE) such as gloves, masks are recommended while handling the kit components and test procedure.

Section-3: Ingredients.

The HeteroMight™ Track Ammonia Detection Kit consists of two proprietary solutions, named Solution A and Solution B. These solutions contain a unique proprietary mixture of key ingredients, including sodium salicylate, sodium nitroprusside, sodium hydroxide, trisodium citrate, and sodium hypochlorite. Due to the key ingredients being sensitive to light, they are packaged in airtight brown HDPE bottles, and the toxicological details of the key ingredients are detailed in section-11.

Ingredient	CAS Number
Sodium salicylate	54-21-7
Sodium nitroprusside	13755-38-9
Sodium hydroxide	1310-73-2
Tri-sodium citrate	6132-04-3
Sodium hypochlorite	7681-52-9

Section 4 – First Aid Measure

Eye Contact:

Rinse with clean water for several minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

Skin Contact:

Wash with soap and water.

Inhalation:

Move to fresh air. Seek medical attention if coughing or discomfort continues.

Ingestion:

Rinse mouth with water thoroughly and seek medical advice.

Section 5 – Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water spray, CO₂, dry chemical.
- **Specific Hazards:** The chemicals may produce smoke if combusted.
- **Protective Equipment:** Standard firefighting PPE; avoid inhalation of smoke.

Section 6: Accidental Spillage of Kit materials

- Use gloves while manage the spillage.
- Use absorbent materials to manage the spills.
- Wash surface/area with water and mild detergent.

Section 7: Handling & Storage

Handling:

- During handling the kit reagents wearing PPE such as gloves and masks are essential to avoid inhaling and skin contact.
- Open the container without spillages.
- Keep the Solutions-A and B container closed when not in use.
- Wash hands after use of the kit reagents.

Storage:

- Store at 25–30°C, dry place away from direct sunlight.
- Do not freeze or refrigerate.
- Keep away from oxidizers.
- Keep container tightly closed.

Section 8: Exposure Control and Personnel Protection:

- While handling the kit reagents and performing tests, always wear appropriate PPE, including chemical-resistant gloves, respiratory protective masks, a lab coat, and eye protective goggles.

Section 9: Physical and Chemical Properties

Properties	Solution A	Solution B
Appearance	Liquid suspension	Liquid suspension
Odor	Odourless	Odourless
Colour	Pale Brown	Transparent
pH	6.5-6.7	11.5-12.00
Solubility	Dispersible in water	Dispersible in water
Stability	Stable under recommended storage	Stable under recommended storage

Section 10: Stability and Reactivity:

- The kit reagents Solution-A and Solution-B are stable under recommended storage conditions.
- Instability may occur upon contact with incompatible materials, exposure to light, or when stored at non optimal storage conditions.
- Avoid the reactions with Oxidizing agents.

Section 11: Toxicological Information

Ingredient	Toxicological Information
Sodium salicylate	Irritant; may cause skin/eye irritation
Sodium nitroprusside	Toxic and releases cyanide under certain conditions.
Sodium hydroxide	Corrosive, causes severe burns to skin, eyes, and mucous membranes.
Tri-sodium citrate	Generally low hazard; may cause mild irritation.
Sodium hypochlorite	Corrosive & oxidizing; releases chlorine gas; harmful if swallowed or inhaled.



3 Health Hazard
Serious Hazard

1 Fire Hazard
Slight Hazard

1 Instability Hazard
Slight Hazard

Specific Hazards:

COR Corrosive
OX Oxidizer
TOX Toxic



Section 12: Ecological Information

- The Kit composition comprises Organic and Inorganic Chemicals and exhibit hazardous properties and harmful to the environment.
- Do not drain/discharge the kit components in to sewers and waterways.
- The disposal consideration is discussed in Section 13.

Section 13: Disposal Considerations

- Do not discharge the reagents into the sewers/common drains or natural water bodies.
- Kit reagents must be disposed of as chemical waste in accordance with Central Pollution Control Board (CPCB) guidelines through authorized chemical waste handlers.
- Rinse containers thoroughly before recycling or disposal.

Section 14: Transport Information

- **Classification:** Hazardous-Since the kit composition contains both organic and inorganic chemicals.
- The kit as a whole is safe for transport under standard conditions (*not regulated as dangerous goods*).

Section 15 – Regulatory Information

- Contains regulated laboratory chemicals and reagents.
- Individual reagents of the kit composition may have specific hazards and regulatory controls.
- The kit is manufactured and applied for Aquaculture Farms and hatcheries for the purpose of detecting the soluble Ammonia in the pond water.
- Aligns with the general, safety and quality standards.

Section 16 – Other Information

Nevizh Private limited, provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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