

Vernier Software & Technology

Material Safety Data Sheet (MSDS)

Section 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

StablCal[®] Formazin Standard 100 NTU

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Section 2 — COMPOSITION, INFORMATION ON INGREDIENTS

Hexamethylenetetramine	Demineralized Water	Formazin Polymer
CAS#: 100-97-0	CAS#: 7732-18-5	CAS#: Not available
Percent Range: 1.0 to 10.0	Percent Range: 90.0- to 100.0	Percent Range: <0.1

Section 3 — HAZARDS IDENTIFICATION

Turbid, milky suspension. Odorless.

May cause eye and skin irritation. May cause allergic skin reaction. Ingestion may cause gastrointestinal irritation or kidney damage.

Section 4 — FIRST AID MEASURES

Call a physician, seek medical attention for further treatment, observation and support after first aid.

Eye: Immediately flush with fresh water for 15 minutes. Call a physician.

External: Wash skin with soap and plenty of water.

Internal: Induce vomiting using syrup of ipecac or by sticking finger down throat. Never give anything by mouth to an unconscious person. Call a physician immediately.

Section 5 — FIRE FIGHTING MEASURES

This material will not burn. During a fire, this product decomposes to form toxic gases. As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear. Evacuate area and fight fire from a safe distance.

Section 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area. Absorb spilled liquid with non-reactive sorbent material and sweep up. Place in sealed bag or container and dispose of as normal refuse. Decontaminate the area of the spill with a soap solution. See Sections 8 and 13 for further information.

Section 7 — HANDLING AND STORAGE

Avoid contact with eyes and skin. Do not breathe mist or vapors. Wash thoroughly after handling. Protect from heat.

Section 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, chemical-resistant gloves and chemical-resistant apron. Use exhaust ventilation to keep airborne concentrations low.

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