

Material Safety Data Sheet

Product: DRI[®] Chromate-Detect[®] Calibrators and Controls

Catalog #: 100129, 100286, 100290

Description:

Chromate-Detect Negative Calibrator-Liquid
Chromate-Detect 50 µg/mL Calibrator-Liquid
Chromate-Detect Negative Control-Liquid
Chromate-Detect 25 µg/mL Control-Liquid

Chemical Hazard/Hazardous Ingredients: Chromium (Cr)

Fire, Explosion and Reactivity Data:

Flashpoint – 205°C.

Extinguishing media - Use water spray, dry chemical, carbondioxide or chemical foam.

Unusual fire and explosion hazard – Emits toxic fumes under fire conditions.

Reactivity - Oxidizer. Hazardous polymerization not available.

Incompatibility – Strong acids, strong reducing agents, alcohols.

Health Hazards: HARMFUL IF SWALLOWED. CARCINOGEN. May cause irritation or allergic reaction. The toxicological properties of this product have not been determined. The TWA is 0.5 to 1 mg/mL (listed under chromium).

First Aid:

Ingestion - wash out mouth with water, provided the person is conscious. Call physician.

Inhalation - remove to fresh air. If breathing becomes difficult, give oxygen and call physician.

Skin contact - remove contaminated clothing and flush the contacted area with water and wash thoroughly with soap and water. If irritation persists call physician.

Eye contact - flush with copious amounts of water for 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call physician.

Spill and Leak Procedure: Wear appropriate protective equipment. Sweep up or absorb material and place in a closed container. Ventilate and wash spill area. If material is disposed of using plumbing always flush with a large volume of water to prevent azide build-up. Disposal should be made in accordance with existing disposal practices employed for waste at your institution. Observe all federal, state and local laws.

Special Protection Information: Provide adequate general mechanical and local exhaust ventilation. Protect eyes and skin with safety glasses and gloves. Avoid contact with eyes and skin. Do not breathe solution vapor.

Special Storage Precautions:

Avoid high temperatures (200 °F).

See incompatibilities.

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