



## Material Safety Data Sheet

**Product:** DRI<sup>®</sup> Nitrite-Detect<sup>®</sup> Test

**Catalog #:** 1731

**Description:**

Nitrite-Detect Reagent

Liquid

**Chemical Hazard/hazardous Ingredients:** Contains N-1-naphthylenediamine and sulfanilamide in an acidic aqueous solution.

**Fire, Explosion and Reactivity Data:**

**Flashpoint** - Not determined.

**Extinguishing media** - Use extinguishing media appropriate for surrounding fire.

**Unusual fire and explosion hazard** - None

**Reactivity** - Decomposition products – carbon monoxide, carbon dioxide, sulfur oxides, and nitrogen oxides. Hazardous polymerization will not occur.

**Incompatibility** - Strong acids, and strong oxidizers.

**Health Hazards:** HARMFUL IF SWALLOWED. Both N-1-naphthylethylenediamine and sulfanilamide are irritants and cause irritation to mucous membranes, upper respiratory track and eyes in case of contact. The LD<sub>50</sub> of sulfanilamide (rat, oral) and (mouse, oral) are 3.9 and 3.7 g/kg respectively.

**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 develops 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. Absorb material and place in a closed container. Ventilate and wash spill area. 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 (150 °F).

See incompatibilities.

Doc: 10005270-1

Date: 2002 07

**Microgenics Corporation**

46360 Fremont Blvd., Fremont, CA 94538 USA ○ Tel: (510) 979-5000 ○ Fax: (510) 979-5498  
Technical/Customer Service (800) 232-3342