

# IDENTITY: Congo Red Stain

## Section I – Manufacturer Information

Mallinckrodt Inc.  
Science Products Division  
PO Box M  
Paris, KY 43061

Telephone Number for Information  
(314) 982-5000  
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**EMERGENCY NUMBER: (314) 982-5000**

## Section II – Hazard Ingredients/Identity Information

Unknown

Formula –  $C_{32}H_{22}N_6Na_2O_6S_2$

## Section III – Physical/Chemical Characteristics

Boiling Point: No information found  
Vapor Pressure: No information found  
Vapor Density: No information found

Specific Gravity: No information found  
Melting Point: No information found  
Evaporation Rate: No information found

Solubility in Water: Soluble in water  
Appearance and Odor: Brownish-red powder, unknown

## Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used):  
LEL:

Flammable Limits:  
UEL:

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: Not considered to be a fire or explosion hazard.

## Section V – Reactivity Data

Stable or Unstable? Stable under ordinary conditions of use and storage.

Conditions to Avoid:

Incompatibility (Materials to Avoid): Acids

Hazardous Decomposition or Byproducts: Carbon monoxide, nitrogen oxides, sulfur oxides.

Hazardous Polymerization May Occur or Will Not Occur? No information found

Conditions to Avoid:

## Section VI – Health Hazard Data

Routes of Entry

Inhalation: Yes

Skin: Yes

Ingestion: Yes

Eyes: Yes

Carcinogenicity

NTP:

IARC Monographs

OSHA Regulated:

Health Hazards: Any exposure may cause an allergic reaction. Other human health effects from exposure to Congo Red are not known. Based on data from experimental animal studies, the substance is presumed to be toxic.

Signs and Symptoms of Exposure: No information found, but compound should be handled as a potential health hazard.

Medical Conditions Generally Aggravated by Exposure: No information found

Emergency and First Aid Procedure:

Skin – In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician.

Eyes – Wash eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Inhalation – Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion – If swallowed, call a physician immediately.

## Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Use appropriate protection to avoid inhalation exposure and skin and eye contact. Carefully pick up spill and place in an appropriate container for proper disposal.

Waste Disposal Method: Carefully pick up spill and place in an appropriate container for proper disposal.

Precautions to be Taken in Handling and Storing: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

Other Precautions: Ensure compliance with local, state and federal regulations.

## Section VIII – Control Measures

Respiratory Protection: For conditions of use where an exposure to the dust is apparent, a dust/mist respirator may be worn. For emergencies, self-contained breathing apparatus may be necessary.

Ventilation –

Local Exhaust: Recommended to prevent dispersion of the contaminant into the workroom air.

Mechanical:

Special:

Other:

Protective Gloves: Recommended as well as clean body-covering clothing

Eye Protection: Use chemical safety goggles. Contact lenses should not be worn when working with this material.

Other Protective Clothing or Equipment:

Work/Hygienic Practices:

## Section IX – Additional Information

The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Delta Education LLC makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.