

MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION

Product Number	192-8189
Product Name	Congo Red (Direct Red 28)
Trade /Chemical Synonyms	
Formula	C ₃₂ H ₂₂ N ₆ O ₆ S ₂ Na ₂
RTECS	QK1400000
C.A.S. #	CAS# 573-58-0

Health:	2
Flammability:	1
Reactivity:	0

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4

NA=Not Applicable NE=Not Established

SECTION 7 HANDLING AND STORAGE

Store in a cool dry place. This Material is not considered hazardous. Handle using safe laboratory practices.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Dust respirator

Ventilation: Local Exhaust ☐
Mechanical ☒

Protective Gloves: Gloves to prevent exposure

Eye Protection: Safety goggles

Other Protective Equipment:

SECTION 2 MIXTURE COMPONENTS

Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits
☐	Congo Red (Direct Red 28)	CAS# 573-58-0	100	W/	None established

SECTION 3 HAZARD IDENTIFICATION (SEE ALSO SECTION 11)

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 4 FIRST AID MEASURES

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. **INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Carbon Dioxide, dry chemical powder or appropriate foam

Fire / Explosion Hazards: None Known.

Fire Fighting Procedure:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Dispose of in a manner consistent with federal, state and local regulations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point: N/A **Percent Volatile by Volume:** N/A

Boiling Point: N/A **Evaporation Rate:** N/A

Vapor Pressure: N/A **Evaporation Standard:**

Vapor Density: N/A **Auto Ignition Temp:** Not applicable

Solubility in Water: Soluble **Lower Flamm. Limit in Air:** Not applicable

Appearance /Odors: Brownish-red powder **Upper Flamm. Limit in Air:** Not applicable

Flash Point: N/A

Specific Gravity: N/A

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with incompatible materials.

Materials to Avoid: Acidic conditions

Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen and sulfur

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION 11 ADDITIONAL INFORMATION

Contact may cause allergic reaction.Avoid contact with incompatible materials.

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

Rev. No: 0 Date Entered: 8/1/2005 Approved: RMC Safety Dir. RMC