

SECTION 1 IDENTIFICATION	
Product Number	192-8189
Product Name	Congo Red (Direct Red 28)
Trade /Chemical Synonyms	
Formula	C <sub>32</sub> H <sub>22</sub> N <sub>6</sub> O <sub>6</sub> S <sub>2</sub> Na <sub>2</sub>
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	
<b>Respiratory Protection:</b>	Dust respirator
<b>Ventilation:</b>	Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/>
<b>Protective Gloves:</b>	Gloves to prevent exposure
<b>Eye Protection:</b>	Safety goggles
<b>Other Protective Equipment:</b>	

SECTION 2 MIXTURE COMPONENTS					
Sara 313	Component	CAS Numbe	%	Dim.	Exposure Limits
<input type="checkbox"/>	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
<b>FIRST AID:</b> 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
<b>Fire Extinguisher Type:</b> Carbon Dioxide, dry chemical powder or appropriate foam
<b>Fire / Explosion Hazards:</b> None Known.
<b>Fire Fighting Procedure:</b> 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	
<b>Melting Point:</b> N/A	<b>Percent Volatile by Volume:</b> N/A
<b>Boiling Point:</b> N/A	<b>Evaporation Rate:</b> N/A
<b>Vapor Pressure:</b> N/A	<b>Evaporation Standard:</b>
<b>Vapor Density:</b> N/A	<b>Auto Ignition Temp:</b> Not applicable
<b>Solubility in Water:</b> Soluble	<b>Lower Flamm. Limit in Air:</b> Not applicable
<b>Appearance /Odors:</b> Brownish-red powder	<b>Upper Flamm. Limit in Air:</b> Not applicable
<b>Flash Point:</b> N/A	
<b>Specific Gravity:</b> N/A	

SECTION 10 STABILITY AND REACTIVITY INFORMATION	
<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Avoid contact with incompatible materials.
<b>Materials to Avoid:</b>	Acidic conditions
<b>Hazardous Decomposition Products:</b>	Carbon monoxide, oxides of nitrogen and sulfur
<b>Hazardous polymerization:</b>	Will Not Occur
<b>Conditions to Avoid:</b>	None known

SECTION 11 ADDITIONAL INFORMATION	
Contact may cause allergic reaction.Avoid contact with incompatible materials.	
<b>DOT Classification:</b>	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