

OFI TESTING EQUIPMENT, INC.
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY IDENTIFICATION	
Chemical Name:	CONGO RED SOLUTION
Trade Name:	CONGO RED INDICATOR SOLUTION
OFI Part No.	221-00
Chemical Family:	Congo Red test solution
Formula:	$C_{32}H_{22}N_6Na_2O_6S_2$
Manufacturer:	OFI Testing Equipment, Inc. 1006 West 34 th Street Houston, TX 77018 U.S.A. (713) 880-9885
In Case of Emergency Spills, Leaks, Fire, Exposure or Accident:	In the USA, call INFOTRAC at 1-800-535-5053 day or night Outside the USA, call collect, (352) 323-3500
SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS	
CAS #:	CHEMICAL NAME
573-58-0	Congo Red 0.1%
SECTION III - HAZARD IDENTIFICATION	
Emergency Overview:	May Cause Stomach Upset if Ingested. May Cause Skin and Eye Irritation.
Inhalation:	No Adverse Health Effects Expected from Inhalation.
Ingestion:	Large Doses may Cause Stomach Upset.
Skin:	Not Expected to be a Health Hazard. May Cause Slight Irritation.
Eye Contact:	Splashes may Cause Irritation.
Chronic Exposure:	No Information Found.
Aggravated by Exposure:	No Information Found.
SECTION IV - FIRST AID MEASURES	
Inhalation:	Not Expected to Require First Aid Measures
Ingestion:	If Large Amounts were Swallowed, Give Water to Drink and Get Medical Advice.
Skin:	Wash Exposed area with Soap and Water. Get Medical Advice if Irritation Develops.
Eyes:	In case of Contact, Immediately Flush Eyes with Plenty of Water for at Least 15 Minutes, Lifting Upper and Lower Eyelids Occasionally. Call a Physician if Irritation Persists.
SECTION V - FIRE FIGHTING MEASURES	
Fire:	Not Considered to be a Fire Hazard.
Explosion:	Not Considered to be an Explosion Hazard.
Fire Extinguishing Media:	Use any Means Suitable for Extinguishing Surrounding Fire.
Special Information:	Use Protective Clothing and Breathing Equipment Appropriate for the Surrounding Fire.
SECTION VI - ACCIDENTAL RELEASE MEASURES	
Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Dilute with Water and Flush to Sewer if Local Ordinances allow.	
SECTION VII - HANDLING AND STORAGE	
Keep in a Tightly Closed Container, Stored in a Cool, Dry, Ventilated Area. Protect against Physical Damage. Protect from Freezing and Direct Sunlight.	
SECTION VIII - EXPOSURE CONTROL / PERSONAL PROTECTION	
Ventilation System:	Not Expected to Require any Special Ventilation.
Airborne Exposure Limits:	None Established.
Personal Respirators: (NIOSH APPROVED)	Not Expected to Require Personal Respirator Usage.
Skin Protection:	Wear Protective Gloves and Clean Body-Covering Clothing.
Eye Protection:	Use Chemical Safety Glasses. Maintain Eye Wash Fountain and Quick-Drench Facilities in Work Area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance / Odor:	Clear, Red Liquid / Odorless
Solubility:	Completely Soluble in Water
Specific Gravity:	1.0
pH:	No Information Found
% Volatiles by Vol.:	No Information Found
Melting Point:	32 ° F (0 °C)
Boiling Point:	212 ° F (100 °C)
Vapor Density (Air=1):	Essentially the Same as Water.
Vapor Pressure (mmHg):	Essentially the Same as Water.
SECTION X - STABILITY AND REACTIVITY	
General Reactivity:	Stable Under Ordinary Conditions of Use and Storage.
Hazardous Decomposition:	No Hazardous Decomposition Products.
Incompatibilities:	No Incompatibility Data Found.
Hazardous Polymerization:	Will Not Occur.
SECTION XI - TOXICOLOGICAL INFORMATION	
Carcinogenic References:	NTP Carcinogen - Known: No, IARC Category- None
SECTION XII - ECOLOGICAL INFORMATION	
	No Information Found.
SECTION XIII - DISPOSAL CONSIDERATIONS	
	Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.
SECTION XIV - TRANSPORT INFORMATION	
Hazard Class:	NOT REGULATED
Identification No.:	NOT REGULATED
SECTION XV - REGULATORY INFORMATION	
Chemical Inventory Status –Part 1:	Ingredient TSCA EC Japan Australia ----- Congo Red (573-58-0) Yes Yes No Yes
Chemical Inventory Status – Part 2:	Ingredient --Canada-- ----- Korea DSL NDSL Phil. ----- Congo Red (573-58-0) Yes Yes No Yes
Federal, State & International Regulations – Part 1:	Ingredient -SARA 302- -----SARA 313----- RQ TPQ List Chemical Catg. ----- Congo Red (573-58-0) No No No No
Federal, State & International Regulations – Part 2:	Ingredient CERCLA -RCRA- -TSCA- ----- 261.33 8(d) ----- Congo Red (573-58-0) No No No
Chemical Weapons Convention:	No
TSCA 12 (b):	Yes
CDTA:	No
SARA 311/312:	Acute: Yes Chronic: No Fire: No Pressure: No Reactivity: No (Pure / Solid)
Australian Hazchem Code:	None allocated.
Poison Schedule:	None allocated.
SECTION XVI - OTHER INFORMATION	
NFPA Rating:	HEALTH-1, FLAMMABILITY-0, REACTIVITY-0
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