



E K Industries, Inc.

1403 Herkimer Street
Joliet, IL 60432-1059
(815) 723-4000
www.eki-chem.com

MATERIAL SAFETY DATA SHEET

PRODUCT Congo Red Solution

PRODUCT CODES 3450-1

REVISION DATE 09/24/2009

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SECTION 1 PRODUCT IDENTIFICATION

PRODUCT NAME Congo Red Solution

PRODUCT CODES 3450-1

SYNONYMS Does not apply.

CAS NUMBER Does not apply.

FORMULA Does not apply

FORMULA WEIGHT Does not apply.

REVISION DATE 09/24/2009

24 HOUR EMERGENCY TELEPHONE

CALL CHEMTREC (800) 424-9300

Contact CHEMTREC (Chemical Transportation Emergency Center) only in the event of emergencies involving a chemical spill, leak, fire, exposure or other accident.

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MAY CAUSE IRRITATION. MAY CAUSE ALLERGIC REACTION. SUSPECT CANCER HAZARD. MAY CAUSE CANCER.

PRECAUTIONARY MEASURES

Avoid contact with skin, eyes and clothing. Avoid breathing mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

SKIN CONTACT May cause irritation.

EYE CONTACT May cause irritation.

IF INHALED May cause respiratory tract irritation.

IF SWALLOWED May cause GI disturbances.

CHRONIC N/I

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE N/I

TARGET ORGANS N/I



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CARCINOGENICITY Congo Red is not listed by NTP, IARC or OSHA. However it is Benzidine derivative and is capable of being metabolized to Benzidine.

Benzidine: NTP-K Known to be a human carcinogen.
IARC-1 Carcinogenic to humans.
OSHA-Ca

SECTION 3 FIRST AID PROCEDURES

SKIN CONTACT Immediately wash with plenty of soap and water. Get medical attention for persistent irritation.

EYE CONTACT Immediately flush with plenty of water for at least 15 minutes, separating eyelids occasionally. Get medical attention for persistent irritation.

IF INHALED Remove to fresh air. Get medical attention for any breathing difficulty.

IF SWALLOWED DO NOT INDUCE VOMITING. If conscious, give several glasses of water to drink. Get immediate medical attention.

SECTION 4 FIRE FIGHTING MEASURES

FLASH POINT (C) Not Combustible

EXPLOSIVE LIMITS (%) **UPPER** Does not apply. **LOWER** Does not apply.

AUTOIGNITION TEMPERATURE (C) Does not apply.

NFPA HAZARD IDENTIFICATION Health: 1 Flammability: 0 Reactivity: 0 Special Hazards: -

NFPA HAZARD IDENTIFICATION is *not* intended to address occupational exposure occurring under normal conditions of use. It only addresses hazards presented by Fire, Spill or Similar Emergencies. NFPA 704 2007 ed. 1.1 and 1.3.2(1).

EXTINGUISHING MEDIA Suitable for surrounding fire.

SPECIAL FIRE FIGHTING PRODECURES Fire fighters should wear self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS N/I

SECTION 5 ACCIDENTIAL RELEASE MEASURES



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IF SPILLED Absorb spill with inert material, scoop up and containerize for disposal.

WASTE DISPOSAL METHOD Dispose in accordance with all local, state and federal environmental regulations.

SECTION 6 EXPOSURE CONTROL AND STORAGE

VENTILATION Local or general.

RESPIRATORY PROTECTION If necessary, APPROVED mist respirator.

EYE PROTECTION Chemical splash safety goggles and/or chemical splash face shield.

SKIN PROTECTION Gloves, lab coat

STORAGE Store tightly closed at 15-30C, out of direct sunlight.

SECTION 7 HAZARDOUS COMPONENTS AND EXPOSURE LIMITS

COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Congo Red	573-58-0	N/E	N/E

SECTION 8 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR	Odorless red liquid	BOILING POINT (C)	N/E
SOLUBILITY IN WATER	Miscible	EVAPORATION RATE	N/E
DENSITY / SPECIFIC GRAVITY	N/E	VAPOR PRESSURE (mm Hg)	N/E
MELTING POINT (C)	N/E	VAPOR DENSITY	N/E



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SECTION 9 STABILITY AND REACTIVITY

STABILITY Stable

CONDITIONS TO AVOID Excessive heat, direct sunlight

MATERIALS TO AVOID N/I

HAZARDOUS DECOMPOSITION PRODUCTS N/I

HAZARDOUS POLYMERIZATION Will not occur

DISCLAIMER:

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