

M S D S***Material Safety Data Sheet***

**1403 Herkimer Street
Joliet, IL 60432-1059
(877) EKI-CHEM
(815) 723-4000**

www.eki-chem.com

24 HOUR EMERGENCY
TELEPHONE NUMBER
**CALL CHEMTREC
1-800-424-9300**

Chromotrope 2R, Powder

SECTION 1 PRODUCT IDENTIFICATION

NAME: Chromotrope 2R Powder
EKI PRODUCT CODE: 3270
SYNONYMS: N/I
CAS NO: 4197-07-3
FORMULA: $C_{16}H_{10}N_2Na_2O_8S_2$
REVISION DATE: 1 May 2006

****LABEL HAZARD STATEMENT AND PRECAUTIONS****

WARNING. HARMFUL IF SWALLOWED OR INHALED. CAUSES IRRITATION. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT -----	CAS NO. -----	OSHA PEL -----	ACGIH TLV -----
Chromotrope 2R	4197-07-3	N/E	N/E

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Soluble	BOILING POINT: (C): N/E
VAPOR PRESSURE (mm Hg): N/E	VAPOR DENSITY: N/E
SPECIFIC GRAVITY: N/E	MELTING POINT: (C): N/E
EVAPORATION RATE: N/E	
APPEARANCE AND ODOR: Red to brown powder. Odorless	

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not considered a fire hazard.
AUTOIGNITION TEMPERATURE (C): N/I
FLAMMABLE LIMITS (%) Does not apply.
EXTINGUISHING MEDIA: Suitable for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive-pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat, direct sunlight.
MATERIALS TO AVOID: Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: SO_x, CO_x, NO_x
HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE:
INHALATION: Causes respiratory tract irritation.
SKIN CONTACT: Causes irritation.
EYE CONTACT: Causes irritation.
SKIN ABSORPTION: N/I
INGESTION: Causes GI irritation.
CHRONIC: N/I
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I
CARCINOGENICITY: None

****FIRST AID PROCEDURES****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes, separating eyelids occasionally. Get immediate medical attention.
SKIN CONTACT: Immediately flush skin with plenty of soap and water. Get medical attention for persistent irritation.
INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.
INGESTION: If conscious, induce vomiting immediately as directed by medical personnel.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Containerize for disposal.
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.
STORAGE: Store tightly closed at 15-30C out of direct sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general
RESPIRATORY PROTECTION: If necessary, approved dust respirator.
EYE PROTECTION: Chemical safety goggles or full face shield.
SKIN PROTECTION: Gloves, lab coat.

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