

MSDS**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

Hematoxylin Stain Solution, Weigert's, Part B**SECTION 1 PRODUCT IDENTIFICATION**

NAME: Hematoxylin Stain Solution, Weigert's, Part B

EKI ORDER NUMBER: 4792

SYNONYMS: Ferric Chloride Solution

CAS NO: Does not apply

FORMULA: Does not apply

REVISION DATE: 20 April 2004

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

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION. Avoid inhaling mist. Avoid contact with skin, eyes and clothing. Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO	OSHA PEL	ACGIH TLV
-----	-----	-----
Ferric Chloride/10025-77-1	N/E	1 mg/m ³
Hydrochloric Acid/7647-01-0	5 ppm CEIL	2 ppm CEIL

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible

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: Clear yellow liquid. Virtually odorless.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not combustible

AUTOIGNITION TEMPERATURE (C): Does not apply.

FLAMMABLE LIMITS (%): UEL: Does not apply LEL: Does not apply

EXTINGUISHING MEDIA: Suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full face piece operated in pressure-demand or other positive-pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

SECTION 5 REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat

MATERIALS TO AVOID: N/I

HAZARDOUS DECOMPOSITION PRODUCTS: Very small quantities of hydrogen chloride.

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: May cause upper respiratory irritation.

SKIN CONTACT: May cause slight irritation.

EYE CONTACT: May cause irritation.

SKIN ABSORPTION: N/I

INGESTION: May cause G.I. irritation.

CHRONIC: N/I

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin or eye conditions.

CARCINOGENICITY: None

*****FIRST AID PROCEDURES*****

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Get medical attention for persistent irritation.

SKIN CONTACT: Immediately flush with plenty of water.

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

INGESTION: Give several glasses of water to drink. Get medical attention.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

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

STORAGE: Store tightly closed in a cool place.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general

RESPIRATORY PROTECTION: Not ordinarily required.

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

SKIN PROTECTION: Gloves, lab coat and impervious apron.

E K INDUSTRIES, INC. MAKES NO REPRESENTATION AS TO THE COMPREHENSIVENESS OR ACCURACY OF THIS INFORMATION. INDIVIDUALS RECEIVING THIS INFORMATION MUST EXERCISE THEIR INDEPENDENT JUDGMENT IN DETERMINING ITS APPROPRIATENESS FOR A PARTICULAR PURPOSE. ACCORDINGLY, E K INDUSTRIES, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES OF ANY KIND OR NATURE RESULTING FROM THE USE OF ANY SUCH INFORMATION. NO REPRESENTATIONS OR WARRANTIES OF ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO, EXPRESS WARRANTIES, IMPLIED WARRANTIES OF MERCHANTABILITY, OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.