

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**

Schiff Stain Solution, McManus

SECTION 1 PRODUCT IDENTIFICATION

NAME: Schiff Stain Solution, McManus
EKI PRODUCT CODE: 11157
SYNONYMS: PAS Stain Solution
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: 5 December 2005

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

POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Avoid contact with skin, eyes and clothing. Avoid breathing mist. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT -----	CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Pararosaniline			
Hydrochloride	569-61-9	N/E	N/E
Sodium Meta-Bisulfite	7681-57-4	N/E	5mg/m3

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible	BOILING POINT: N/E
VAPOR PRESSURE: N/E	VAPOR DENSITY: N/E
SPECIFIC GRAVITY: N/E	MELTING POINT: N/E
EVAPORATION RATE: N/E	
APPEARANCE AND ODOR: Clear colorless liquid. Sulfurous odor.	

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT: Not combustible
FLAMMABLE LIMITS (UPPER AND LOWER): 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: N/I

SECTION 5 REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: N/I
MATERIALS TO AVOID: N/I
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/I
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE
INHALATION: Not expected to have health effects.
SKIN CONTACT: Not expected to have health effects.
EYE CONTACT: Not expected to have health effects.
SKIN ABSORPTION: N/I
INGESTION: Not expected to have health effects.
CHRONIC: N/I
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I
CARCINOGENICITY: Pararosaniline HCL: NTP-R, Reasonably anticipated to be a human carcinogen. IARC-2B, Possibly carcinogenic to humans. Sodium meta-Bisulfite: IARC-3, Unclassifiable as to carcinogenicity in humans.

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 water for at least 15 minutes while removing contaminated garments. Get medical attention for persistent irritation.
INHALATION: Remove to fresh air. Get medical attention for persistent irritation.
INGESTION: If conscious, give several glasses of water to drink.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Absorb with inert material and containerize for disposal.
WASTE DISPOSAL METHOD: Dispose in accordance with all local, state and federal environmental regulations.
OTHER PRECAUTIONS: N/I
STORAGE: Store tightly closed at 15-30C.

SECTION 8 CONTROL MEASURES

VENTILATION: Local or general.
RESPIRATORY PROTECTION: Not required under normal laboratory conditions.
EYE PROTECTION: Chemical splash safety goggles.
SKIN PROTECTION: Gloves, lab coat.

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