

**MSDS****Material Safety Data Sheet**

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**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/m <sup>3</sup>

**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

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## SECTION 5 REACTIVITY DATA

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

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## SECTION 6 HEALTH HAZARD DATA

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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 ABSORBTION: 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.

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## SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

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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.

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## SECTION 8 CONTROL MEASURES

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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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