

M S D S

Material Safety Data Sheet



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Carbol-Fuchsin Stain Solution, Ziehl-Neelsen

SECTION 1 PRODUCT IDENTIFICATION

NAME: Carbol-Fuchsin Stain Solution, Ziehl-Neelsen
EKI ORDER NUMBER: 2851
SYNONYMS: N/I
CAS NO: Does not apply
FORMULA: Does not apply
REVISION DATE: 13 April 2004

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

CAUTION! MAY BE HARMFUL IF SWALLOWED. MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION. CAUSES EYE IRRITATION. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT/CAS NO	OSHA PEL	ACGIH TLV
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Ethyl Alcohol/100-95-2	1000 ppm TWA	1000 ppm TWA
Phenol/108-95-2	5 ppm TWA Skin	5 ppm TWA Skin

Phenol `4.5% is subject to the reporting requirements of SARA 313 and 40CFR372.

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: Deep red liquid. Slight odor of phenol.

SECTION 4 FIRE / EXPLOSION HAZARD DATA

FLASH POINT (C): Not flammable.
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 and sunlight.

MATERIALS TO AVOID: N/E

HAZARDOUS DECOMPOSITION PRODUCTS: CO.

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: May cause irritation.

SKIN CONTACT: May cause irritation.

EYE CONTACT: Causes irritation.

SKIN ABSORPTION: N/I

INGESTION: May cause G.I. irritation.

CHRONIC: N/I

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/I

****FIRST AID PROCEDURES****

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

SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention for persistent irritation.

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

INGESTION: If conscious, give large quantities of water to drink and induce vomiting as directed by medical personnel.

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 applicable federal, state, and local environmental regulations.

STORAGE: Store tightly closed in a cool place, out of direct sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: Local preferred

RESPIRATORY PROTECTION: Not normally required.

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

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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