

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

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Hematoxylin Stain Solution, Gill's I; Gill's II; Gill's III

SECTION 1 PRODUCT INFORMATION

Hematoxylin Stain Solution, Gill's I; Gill's II; Gill's III

EKI ORDER NUMBERS: 14796, 24796, 34796

SYNONYMS: N/I

CAS NO: Does not apply

FORMULA: Does not apply

REVISION DATE: April 21, 2004

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

WARNING! HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. CAUSES IRRITATION. Avoid breathing vapor or 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 / COMPOSITION INFORMATION

INGREDIENT/CAS NO	OSHA PEL	ACGIH TLV
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Ethylene Glycol/107-21-1	N/E	100 mg Aerosol/m3 CEIL
Aluminum Sulfate/7784-31-8	N/E	2 mg/m3 TWA
Acetic Acid/64-19-7	10 ppm TWA	10 ppm TWA
		15 ppm STEL
Ethylene Glycol, 25%, is subject to the reporting requirements of SARA 313 and 40CFR372.		

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

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: Dark reddish-purple liquid. Odor of automobile antifreeze.

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, sunlight.

MATERIALS TO AVOID: Strong oxidizers, strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE

INHALATION: Causes upper respiratory irritation, headache, nausea, vomiting, dizziness, drowsiness.

SKIN CONTACT: Causes irritation.

EYE CONTACT: Causes irritation.

SKIN ABSORPTION: may be harmful. See ingestion.

INGESTION: Causes headache, nausea, vomiting, G.I. irritation.

CHRONIC: May cause convulsions, respiratory failure, CNS depression, unconsciousness.

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.

SKIN CONTACT: Immediately flush with plenty of water.

INHALATION: ACT PROMPTLY. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

INGESTION: If conscious, give large amounts 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. Flush residue with water.

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 or general.

RESPIRATORY PROTECTION: Mist respirator if required.

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

SKIN PROTECTION: Gloves, lab coat and impervious apron.

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