

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

24 HOUR EMERGENCY  
TELEPHONE NUMBER  
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## Hematoxylin Stain Solution, Gill's II

### SECTION 1 PRODUCT INFORMATION

Hematoxylin Stain Solution, Gill's II  
AZER SCIENTIFIC ORDER NUMBERS: ES705, ES706  
SYNONYMS: N/I  
CAS NO: Does not apply  
FORMULA: Does not apply  
DOT INFORMATION: Proper Shipping Name - "Diagnostic solutions" (Not Regulated)

\*\*\*\*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/m <sup>3</sup> CEIL
Aluminum Sulfate/7784-31-8	N/E	2 mg/m <sup>3</sup> 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

NFPA RATINGS: (Estimated) HEALTH:1      FIRE:1      REACTIVITY:0  
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

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## SECTION 5 REACTIVITY DATA

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STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat, sunlight.

MATERIALS TO AVOID: Strong oxidizers, strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>

HAZARDOUS POLYMERIZATION: Does not occur.

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## SECTION 6 HEALTH HAZARD DATA

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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

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### \*\*\*\*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.

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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. 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.

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## SECTION 8 CONTROL MEASURES

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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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