

MSDS***Material Safety Data Sheet***

24 HOUR EMERGENCY
TELEPHONE NUMBER
CALL CHEMTREC
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Gomori Trichrome (Wheatley's Modification)

SECTION 1 PRODUCT IDENTIFICATION

NAME: Gomori Trichrome

EVER SCIENTIFIC ORDER NUMBERS: ES868, ES869

SYNONYMS: N/I

CAS NO: Not Applicable to mixtures

FORMULA: Mixture

DOT INFORMATION: Proper Shipping Name - "Diagnostic Solutions"

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

Composition of Ingredients

Ingredient	CAS #	Percent	Hazardous
Acetic Acid	64-19-7	1.0%	Yes
Phosphotungstic acid	12501-23-4	.6%	No
Cromotrope 2R	4197-07-3	1.7%	No

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

WARNING! MAY BE HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. MAY CAUSE SKIN OR EYE IRRITATION. Keep container tightly closed. Avoid breathing vapor. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Wash thoroughly after handling.

SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

INGREDIENT	OSHA (PEL)	ACGIH (TLV)
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Acetic Acid	25 mg/m3 (TWA)	37 mg/m3 (STEL)

SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS

SOLUBILITY IN WATER: Miscible

VAPOR PRESSURE (mm Hg): 18 @ 20 C

SPECIFIC GRAVITY: 0.79 @ 20°C/4°C

EVAPORATION RATE (BuAc=1): ca. 1.4

APPEARANCE AND ODOR: Purple liquid with slight vinegar odor.

BOILING POINT (C): 100

VAPOR DENSITY: 0.6

MELTING POINT (C): -114

pH: 3.8

SECTION 4 FIRE / EXPLOSION HAZARD DATA

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

CONTACT RATING: 0

FLASH POINT (C): Not Flammable

AUTOIGNITION TEMPERATURE (C): Not Flammable

FLAMMABLE LIMITS (%): Not Flammable

EXTINGUISHING MEDIA: Water spray, dry chemical, "alcohol" foam, CO₂.

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: None known

SECTION 5 REACTIVITY DATA

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID: Excessive heat

MATERIALS TO AVOID: Strong oxidants, silver salts, metal hydrides, hydrazines.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon, Nitrogen and Chlorine

HAZARDOUS POLYMERIZATION: Does not occur.

SECTION 6 HEALTH HAZARD DATA

ROUTES OF ENTRY AND POTENTIAL EFFECTS OF OVEREXPOSURE

INHALATION: Vapor inhalation may cause respiratory tract irritation.

SKIN CONTACT: Causes drying of skin and irritation with prolonged skin exposure.

EYE CONTACT: May cause irritation and potentially blurred vision.

INGESTION: Swallowing in may cause abdominal pain, intoxication, gastritis, nausea, headache, vomiting. Swallowing large doses may be fatal. Lung exposure can produce severe lung damage and is considered a medical emergency.

CHRONIC EXPOSURE: Prolonged exposure can cause irritation to the eyes and skin.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Individuals with previous eye, skin, or kidney conditions may be more affected by exposure to this material.

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 for at least 15 minutes, while removing contaminated clothing and shoes. Get medical attention for persistent irritation.

INHALATION: Remove to fresh air.

INGESTION: If ingested induce vomiting. Call physician.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Ventilate area and remove sources of ignition. Absorb spill with inert material and containerize for disposal.

WASTE DISPOSAL METHOD: All liquid or contaminated material should be disposed of in a DOT approved waste container.

STORAGE: Store tightly closed. Store away from sunlight.

SECTION 8 CONTROL MEASURES

VENTILATION: Local preferred.

RESPIRATORY PROTECTION: Full face-piece respirator.

EYE PROTECTION: Chemical splash goggles and/or full face-shield. Maintain eye wash station in area where this reagent is used.

SKIN PROTECTION: Gloves, lab coat and impervious apron as necessary to prevent any skin contact.

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