



Safety Data Sheet

CV Select Hematoxylin Extra

1. Identification

Product Name: CV Select Hematoxylin Extra

Item #: MA0101257*

Web SDS:

Synonyms: N/A

Recommended Use: Laboratory Reagent

Restrictions on Use: Any use other than recommended

Manufacturer:

In Case of Emergency:

BBC Biochemical
409 Eleanor Lane,
Mount Vernon, WA 98273
1-800-635-4477

Chemtec US 1-800-424-9300
Chemtec International 703-527-3887

2. Hazards Identification

OSHA Hazard Classification(s):

Skin Irritation - Category 2

Eye Damage - Category 1

Specific Target Organ Toxicity (repeated exposure) - Category 2

Signal Word: Danger

Hazard Statement(s): Causes skin irritation. Causes serious eye damage. May cause damage to organs (kidney) through prolonged or repeated exposure.

Pictogram(s):



Precautionary Statement(s): V

Descriptions of Hazards not otherwise classified: N/A

Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

| Chemical Name | Common Name | CAS # | Concentration % |
|-------------------|-------------|--------------|-----------------|
| Ethylene Glycol | | 107-21-1 | Trade Secret |
| Water | | 7732-18-5 | Trade Secret |
| Aluminium Salt(s) | | Trade Secret | Trade Secret |

4. First Aid Measures

Eye Contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact: If on skin (or hair): Take off immediately all contaminated clothing and wash before reuse. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

Inhalation: Remove to fresh air; give artificial respiration if breathing has stopped. Get medical advice/attention if you feel unwell.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

Symptoms: Irritation eyes, nose, throat; headache, dizziness

Recommendations for immediate medical care/special treatment: Get medical advice/attention if you feel unwell.

5. Fire- Fighting Measures

Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam.

Fire Hazards (Chemical): Not flammable.

Special Protective Equipment: Fire fighters should use self-contained breathing apparatus and protective clothing.

Precautions for Firefighters: Carbon monoxide and unidentified organic compounds may be formed during combustion.



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6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers.

Containment and Clean-Up Procedures: Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

7. Handling and Storage

Handling: Do not breathe vapors. Do not eat, drink or smoke when using this product.

Storage: Store locked up. Store in a cool, well ventilated place. Keep away from sparks and open flame. Keep container tightly sealed when not in use.

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

| Reagent | CAS # | OSHA PEL TWA |
|---------|-------|--------------|
| N/A | | |

ACGIH Threshold Limit Values (TLVs):

| Reagent | CAS # | ACGIH PEL TLV | ACGIH STEL |
|---------|-------|---------------|------------|
| | | | |

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: Dark Violet, Liquid

Molecular Weight: N/A

Molecular Formula: N/A

pH: N/A

Boiling Point and Boiling Range: N/A

Melting Point/Freezing Point: N/A

Flash Point: N/A

Specific Gravity/Relative Density: N/A

Odor: N/A

Odor Threshold: N/A

Color: Dark Violet

Flammability (solid/gas): N/A

Vapor Density: N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Partition Coefficient: n-octanol/water: N/A

Viscosity: N/A

Auto-ignition temperature: N/A

Solubility: Soluble in water

Decomposition Temperature: N/A

**CV Select Hematoxylin Extra****10. Stability and Reactivity****Reactivity:** Not Reactive**Chemical Stability:** Stable**Conditions of Stability/Instability:** Stable under normal conditions of temperature and pressure.**Stabilizers needed:** None**Safety issue indicated by appearance change:** N/A**Other:** N/A**Hazardous Reactions:** N/A**Hazardous Polymerization:** Does not occur**Conditions to avoid:** N/A**Classes of Incompatible Materials:** Oxidizers, Strong Acids, Strong Bases**Hazardous Decomposition Products:** Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (I.e. Carbon monoxide) may be released in a fire.**11. Toxicological Information****Likely Routes of Exposure****Eyes:** Irritation. May cause permanent damage.**Skin:** Prolonged exposure may cause irritation, redness, swelling, drying.**Inhalation:** Dizziness, headache. Irritation to nose, throat, mucous membranes and respiratory system.**Ingestion:** Nausea. May cause gastrointestinal irritation and diarrhea. Prolonged ingestion may cause damage to kidneys.**Signs or Symptoms of Exposure:** Nausea.**Effects from short term exposure (delayed, immediate, chronic):** Irritation to the eyes, nose, throat; headache, dizziness, nausea.**Acute Toxicity (Numerical Measures):** Select Glycol: LD50 (oral, cat) = 1650 mg/kg ; Glacial Acetic Acid: LD50 (rabbit, skin) = 1060mg/kg ;

Select Acid: LC50 (inhalation, mouse) = 5620 ppm/1H

Carcinogenicity (NTP, IARC, OSHA): N/A**12. Ecological Information****Ecotoxicity:** N/A**Persistence and degradability:** N/A**Bioaccumulation Potential (octanol-water partition coefficient, BCF):** N/A**Mobility in the soil:** N/A**Adverse Environmental Effects:** May have adverse environmental effects.**13. Disposal Considerations****Recommended Disposal Containers:** Check with your local waste authorities***Recommended Disposal Methods:** Do not dispose of in drains, check with your local waste authorities.***Physical/Chemical Properties affecting Disposal:** See section 2 and section 9 applicable information.***Special Precautions for Landfill and Incineration Activities:** Check with your local waste authorities.***Waste Stream:** Consult your local or regional authorities.***14. Transport Information****UN Number:** Not Regulated**UN Proper Shipping Name:****Transport Hazard Class(es):****Packing Group Number:****Environmental Hazards (IMDG code):****Marine Pollutant:**



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Transport in Bulk (IBC Code):
Special Transport Precautions:

15. Regulatory Information

OSHA: N/A
DOT: N/A
EPA: N/A
CPSC: N/A



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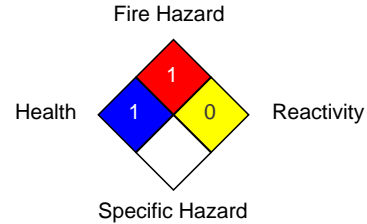
16. Other Information

Revision Date: 03/26/2018

NFPA

| | |
|-----------------|---|
| Health | 1 |
| Fire Hazard | 1 |
| Reactivity | 0 |
| Specific Hazard | |

National Fire Protection Association (USA) NFPA



HMIS

| | |
|---------------------|---|
| Health | 1 |
| Flammability | 1 |
| Physical Hazard | 0 |
| Personal Protection | |

Hazardous Material Information System HMIS

| | |
|---------------------|---|
| Health | 1 |
| Flammability | 1 |
| Physical Hazard | 0 |
| Personal Protection | |

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.