

Safety Data Sheet

Control Number: 907-002

CAT Hematoxylin, Tacha's Automated Hematoxylin, IntelliPATH™ Hematoxylin
IntelliPATH™ Prion Counterstain

CATHE, NM-HEM, IPCS5006, IPR5031

August 17, 2017

BIOCARE
M E D I C A L

1. Product and Company Identification

| | |
|--|---|
| Product(s) | CAT Hematoxylin (CATHE) Tacha's Automated Hematoxylin (NM-HEM) IntelliPATH™ Hematoxylin (IPCS5006) IntelliPATH™ Prion Counterstain (IPR5031) |
| Related Product Kit | IntelliPATH™ Universal HRP Detection Kit (IPK5011) Prion IHC Assay Kit B (IPR5033K) |
| Intended Use & Restrictions | Immunohistochemistry reagent intended for use by professional laboratory personnel that have been properly trained in its use. |
| Company Information | Biocare Medical, LLC 60 Berry Drive, Pacheco, CA 94553 United States Tel: +1 800-799-9499 (7AM–5PM, PST, Mon-Fri) Fax: +1 925-603-8080 Web: www.biocare.net |
| 24-Hour Emergency Contact | CHEMTREC +1 800-424-9300 (USA and Canada only) +1 703-527-3887 (all other countries) |

2. Hazards Identification

Emergency Overview Purple solution with a mild acetic acid (vinegar) scent. May be irritating to skin or eyes. Avoid contact with skin and eyes. Avoid ingestion.

Not flammable. No particular hazards in a fire.

OSHA Hazards Target organ effect, Toxic by ingestion, Harmful by skin absorption, Skin sensitizer, Corrosive, Irritant

Target organs: Nerves, kidney, liver, heart

GHS Classification
Signal words, Symbol,
Hazard &
Precautionary
Statements



Warning

Acute toxicity, Oral (Category 4)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Skin sensitization (Category 1)

Hazard statement(s)
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation.

Safety Data Sheet

Control Number: 907-002

CAT Hematoxylin, Tacha's Automated Hematoxylin, IntelliPATH™ Hematoxylin
IntelliPATH™ Prion Counterstain

CATHE, NM-HEM, IPCS5006, IPR5031

August 17, 2017

BIOCARE
M E D I C A L

Precautionary statement(s)

P280 Wear protective gloves.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Potential Health Effects

Skin Contact May be harmful if exposed to skin. Causes skin irritation.

Eye Contact Causes eye irritation.

Inhalation May be harmful if inhaled. Causes skin irritation

Ingestion Toxic if swallowed.

See Section 11: Toxicological Information for additional information.

Environmental Effects None identified.

See Section 12: Ecological Information for additional information.

3. Composition / Information on Ingredients

| Chemical Name | Synonyms | % Composition | CAS Number |
|---------------------------|---------------|---------------|------------|
| Aluminum ammonium sulfate | Ammonium alum | 2-6% | 7784-26-1 |
| Glycerol | Glycerin | 5-20% | 56-81-5 |
| Acetic Acid | N/A | <5% | 64-19-7 |
| Hematoxylin | N/A | <1% | 517-28-2 |

Note: It has been determined that the remaining ingredients of this product are not classified as hazardous according to the Federal OSHA Hazardous Communication Standard (29 CFR 1910.1200) or the Globally Harmonized System of Classification and Labeling of Chemicals.

4. First Aid Measures

General Advice Avoid further exposure to product. Consult a physician.

In case of skin contact Wash exposed area with soap and plenty of water. Remove any contaminated clothing. Seek medical attention.

In case of eye contact Wash eyes with plenty of water for at least 15 minutes. Have victim remove contact lenses. Be sure to wash under eyelids. Seek medical attention.

If inhaled Remove victim to well-ventilated area. If victim is not breathing, give artificial respiration. Seek medical attention.

If swallowed If victim is conscious, rinse mouth with water. Do not give anything to an unconscious victim. Seek medical attention.

5. Fire Fighting Measures

Suitable Extinguishing Media Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Use extinguisher media appropriate for surrounding fire.

Special Protective Equipment for Wear self-contained breathing apparatus and protective clothing to prevent contact with eyes and skin.

Safety Data Sheet

Control Number: 907-002

CAT Hematoxylin, Tacha's Automated Hematoxylin, IntelliPATH™ Hematoxylin

IntelliPATH™ Prion Counterstain

CATHE, NM-HEM, IPCS5006, IPR5031

August 17, 2017

BIOCARE
M E D I C A L

Firefighters

Special Exposure Hazards

Avoid inhalation of fumes, which may be toxic or irritating.

6. Accidental Release Measures

Personal Precautions Use of personal protective equipment is recommended as described in Section 8. Isolate hazard area and deny entry to unprotected personnel.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

Methods for containment and clean up Small spills may be contained and cleaned-up with paper towels or absorbent pads. Absorb large spills with sand or vermiculite and place in a closed container for waste disposal. Avoid physical contact during removal.

7. Handling and Storage

Precautions for Safe Handling Avoid contact with eyes, skin and clothing. Do not ingest. Wash hands thoroughly after use.

Conditions for Safe Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.
Air and light sensitive.

8. Exposure Controls / Personal Protection

Permissible Exposure Limits USA OSHA Table Z-1 Limits for Air Contaminants – 1910.1000 (Glycerol): TWA 10 mg/m³
USA ACGIH Threshold Limit Value (Glycerol): 10 mg/m³
USA ACGIH Threshold Limit Value (Acetic acid): TWA 10 ppm; STEL 15 ppm
USA OSHA Table Z-1 Limits for Air Contaminants – 1910.1000 (Acetic acid): TWA 10 ppm
USA NIOSH Recommended Exposure Limits (Acetic acid): TWA 10 ppm; ST 15 ppm

Engineering Controls No special controls needed.

Personal Protective Equipment

Eye Protection Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material.

Skin Protection Use chemically resistant gloves and a lab coat with sleeves.

Respiratory Protection Exceeding exposure limits is unlikely during normal usage. However, if irritating vapors are produced, respiratory protection is recommended. Attempt to reduce exposure levels to an acceptable range.

General Hygiene Measures Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

Appearance Dark purple liquid

Odor Mild vinegar/acetic acid smell

pH (as supplied) 1-2

Safety Data Sheet

Control Number: 907-002

CAT Hematoxylin, Tacha's Automated Hematoxylin, IntelliPATH™ Hematoxylin
IntelliPATH™ Prion Counterstain

CATHE, NM-HEM, IPCS5006, IPR5031

August 17, 2017

BIOCARE
M E D I C A L

| | |
|--|----------------|
| Melting point | Not determined |
| Boiling point | Not determined |
| Flash point | Not determined |
| Flammability | Not determined |
| Lower explosion limit | Not determined |
| Upper explosion limit | Not determined |
| Vapor pressure | Not determined |
| Vapor density | Not determined |
| Specific gravity | Not determined |
| Solubility (in water) | Soluble |
| Partition coefficient (n-octanol/water) | Not determined |
| Auto-ignition temperature | Not determined |
| Decomposition Temperature | Not determined |

10. Stability and Reactivity

| | |
|---|--|
| Chemical Stability | Stable under recommended storage conditions (see Section 7). |
| Conditions to avoid | None identified. |
| Materials to avoid | None identified. |
| Hazardous decomposition products | Hazardous decomposition products formed under fire conditions: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas, aluminum oxides. |
| Possibility of hazardous reactions | None identified. |

11. Toxicological Information

| | |
|---|--|
| Acute dose effects | No data available |
| Repeat dose effects | No data available |
| Skin irritation | No data available |
| Skin and respiratory sensitization | No data available |
| Eye irritation | No data available |
| Carcinogenicity | No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, potential, known, anticipated, or confirmed carcinogen by IARC, ACGIH, NTP, or OSHA. |
| Mutagenicity | No data available |
| Reproductive effects | No data available |
| Developmental effects | No data available |

Safety Data Sheet

Control Number: 907-002

CAT Hematoxylin, Tacha's Automated Hematoxylin, intelliPATH™ Hematoxylin
intelliPATH™ Prion Counterstain

CATHE, NM-HEM, IPCS5006, IPR5031

August 17, 2017

BIOCARE
M E D I C A L

Target organ effects No data available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated at product concentrations.

12. Ecological Information

| | |
|--|-------------------|
| Ecotoxicity | No data available |
| Persistence and degradability | No data available |
| Bioaccumulation/accumulation | No data available |
| Mobility in environmental media | No data available |
| Other hazardous effects | No data available |

13. Disposal Considerations

| | |
|-------------------------------|---|
| Product | Disposal should be in accordance with applicable national, state, and local laws and regulations. Local regulations may be more stringent than national or state requirements. Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal. |
| Contaminated packaging | Dispose of as unused product. |

14. Transportation Information

| | |
|------------------------------|----------------|
| Proper shipping name | Not applicable |
| Technical name | Not applicable |
| Hazard class | Not applicable |
| Identification number | Not applicable |
| Packing group | Not applicable |
| DOT (US) | Not regulated |
| IMDG | Not regulated |
| IATA | Not regulated |
| TDG | Not regulated |

15. Regulatory Information

Inventory Status

| | |
|-----------------------------|---|
| United States (TSCA) | All ingredients are on the inventory or exempt from listing. |
| Canada (DSL / NDSL) | All ingredients are on the inventory or exempt from listing. |
| SARA 302 Components | No chemicals in this product are subject to reporting requirements. |
| SARA 313 Components | No chemicals in this product are subject to reporting requirements. |
| SARA 311/312 Hazards | Acute health hazard, chronic health hazard |

Safety Data Sheet

Control Number: 907-002

CAT Hematoxylin, Tacha's Automated Hematoxylin, intelliPATH™ Hematoxylin
intelliPATH™ Prion Counterstain

CATHE, NM-HEM, IPCS5006, IPR5031

August 17, 2017

BIOCARE
M E D I C A L

California Prop. 65 components This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Sources and Suitability The above information was obtained from sources available at the time of revision and believed to be accurate and reliable. The information included is not intended to be all inclusive and should only be used as a guide. Biocare shall not be held liable for any damage resulting from use, handling, or contact with the above product.

Revision Date August 17, 2017
(All SDS's before this date should be discarded.)

Replaces Revision June 16, 2015. This SDS has been updated to reflect current hazard information and product formulations.

Note: Before using this product, please visit the Biocare Medical website at <http://biocare.net> for the current version of this SDS.