

Document: BH5481-A
Release date: Sep 18, 2024

Applies to part numbers:
BH5481

Section 1 Product and company identification

Product code: BH5481 Product name: Protease Inhibitor Cocktail, EDTA-Free (100×)

Supplier: YamayBio LLC

Address: 12100 Wilshire boulevard suite 800, Los Angeles, CA, USA

Recommended Use: For research use only.

Restrictions on Use: Not for clinical use. Not for internal use in animals or humans. Not for diagnostic use. Not for household or any other unintended use.

Section 2 Hazards identification

EMERGENCY OVERVIEW:

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

HMIS RATING

| | |
|--------------|---|
| HEALTH | 0 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |

For additional information on toxicity, please refer to Section 11.

Section 3 Composition/Information on Ingredients

The product is a mix containing no substances which, at their given concentration, are considered to be hazardous to health.

Section 4 First Aid Measures

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| ORAL EXPOSURE | Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice. If swallowed, wash out mouth with water provided person is conscious. Do NOT induce vomiting. Call a physician. |
| INHALATION EXPOSURE | Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. If necessary, call a physician. |
| DERMAL EXPOSURE | In case of contact, rinse with plenty of water. Remove contaminated clothing and shoes. |
| EYE EXPOSURE | In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician. |

Section 5 Fire Fighting Measures

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|---------------------|--|
| FLASH POINT | N/A |
| AUTOIGNITION TEMP | N/A |
| FLAMMABILITY | N/A |
| EXTINGUISHING MEDIA | |
| Suitable | Water spray. Carbon dioxide, dry chemical powder, or appropriate foam. |
| Not suitable | No information available |

FIREFIGHTING

| | |
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| Protective Equipment: | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |
| Specific Hazard(s): | Emits toxic fumes under fire conditions. |

Section 6 Accidental Release Measures

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| PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES | Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail. |
| ENVIRONMENTAL PRECAUTIONS | Try to prevent further leakage or spillage. Keep the product away from drains or water courses. |
| METHODS AND MATERIAL FOR CONTAINMENT | Absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders); Decontaminate surfaces and equipment by scrubbing with alcohol; Dispose of contaminated material according to Section 13. |

Section 7 Handling and Storage

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| SAFE HANDLING | Avoid inhalation, contact with eyes and skin. Avoid dust and aerosol formation. Use only in areas with appropriate exhaust ventilation. |
| SAFE STORAGE | Keep container tightly sealed in cool, well-ventilated area. Keep away from direct sunlight and sources of ignition. |

Section 8 Exposure Controls / Personal Protection

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| PERSONAL PROTECTIVE EQUIPMENT | |
| Respiratory | In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards. |
| Hand | Wear suitable gloves. Glove material: Compatible chemical-resistant gloves. |
| Eye | Tight sealing safety goggles. |
| Skin and Body | Wear suitable protective clothing. |
| GENERAL HYGIENE MEASURES | Wash thoroughly after handling. |
| ENVIRONMENTAL EXPOSURE CONTROLS | Keep the product away from drains, water courses or the soil. Clean spillages in a safe way as soon as possible. |

Section 9 Physical and chemical properties

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|---------------------------|--------|
| APPEARANCE PHYSICAL STATE | Liquid |
| SOLVENT CONTENT | N/A |

Section 10 Stability and Reactivity

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| STABILITY | Stable under recommended storage conditions. |
| Materials to Avoid | Strong acids/alkalis, strong oxidising/reducing agents. |
| HAZARDOUS DECOMPOSITION PRODUCT | |
| Hazardous Decomposition Products | Under fire conditions, may decompose and emit toxic fumes |
| HAZARDOUS POLYMERIZATION | |
| Hazardous Polymerization | No data available. |

Section 11 Toxicological Information

ROUTE OF EXPOSURE

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|--------------|--|
| Skin Contact | May cause skin irritation. |
| Eye Contact | May cause eye irritation. |
| Inhalation | Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| Ingestion | Irritating to mouth, throat and stomach. |

SIGNS AND SYMPTOMS OF EXPOSURE

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|--------------|--|
| Skin Contact | Adverse symptoms may include the following: irritation redness. |
| Eye Contact | Adverse symptoms may include the following: pain or irritation, watering, redness. |
| Inhalation | No specific data. |
| Ingestion | No specific data. |

Section 12 Ecological Information

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|-------------------------------|--|
| Toxicity | No further relevant information available. |
| Persistence and degradability | No further relevant information available. |
| Bioaccumulative potential | No further relevant information available. |
| General notes | No further relevant information available. |

Results of PBT and vPvB assessment No further relevant information available.

Section 13 Disposal Considerations

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Observe all federal, state, and local environmental regulations.

Section 14 Transport Information

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| IATA / ADR / DOT-US / IMDG | Not regulated in the meaning of transport regulations. |
| Environmental hazards | N/A |
| Special precautions for user | N/A |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | N/A |

Section 15 Regulatory Information

US FEDERAL REGULATIONS

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| SARA 313 | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |
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Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61) This product does not contains HAPs.

US STATE REGULATIONS

| | |
|---------------------------|---|
| California Proposition 65 | This product does not contain any Proposition 65 chemicals. |
| WHMIS Hazard Class | Non-controlled |

Section 16 Other information

Date of last revision: Sep 18,2024

The information provided herein has been obtained through diligent research and analysis. The recommendations are based upon the prudent application of professional judgment. This information is not intended to be exhaustive and should be used as a general guideline. All materials and mixtures may present potential hazards, and should be handled with care. As the Company cannot control the specific methods, quantities, or conditions of use, it shall not be liable for any damages or losses resulting from the handling or contact with the product as described herein.

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End of Safety Data Sheet