

Material Safety Data Sheet (MSDS)

1. Product and Company Identification

Product Name: Biochemical Assay Reagent

CAS Number: N/A

Catalog Number: FY-BC Series

Company Name: Wuhan Feiyue Biotechnology Co., Ltd.

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2. Composition/Information on Ingredients

Ingredient	Concentration	CAS No.
Horseradish peroxidase	0.003%	9003-99-0
Sarcosine oxidase	0.006%	9029-22-5
H2O	96.431%	7732- 18-5
Tris(hydroxymethyl)aminomethane	0.71%	77-86- 1
Sucrose	1.00%	57-50- 1
Sodium L(+)-tartrate dihydrate	0. 10%	6106-24-7
L-Proline	0.02%	147-85-3
DL-Aspartic acid	0.20%	617-45-8
Disodium hydrogen phosphate	0.39%	7558-79-4
Potassium dihydrogen phosphate	0.22%	7778-77-0
Sodium chloride	0.90%	7647- 14-5
Potassium chloride	0.02%	7447-40-7

3. First Aid Measures

Ingestion: If any component of this kit is swallowed, wash out mouth with water provided person is conscious. Call a physician or poison control.

Skin Contact: If any component of this contacts the skin, flush with copious amounts of water and wash with soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician if irritation or discomfort develops.

Inhalation: If any component of this kit is inhaled, remove to fresh air. If breathing becomes difficult give oxygen. If breathing stops, administer artificial respiration. Call a



physician.

Eye Contact: If any component of this contacts the eyes, flush with copious amounts of water for at least 15 minutes. Check for and remove contact lenses. Assure adequate flushing by separating the eyelids. Get immediate medical attention.

4. Fire and Explosion Hazard Data

None of the components of this kit pose a significant risk in case of fire. Fire fighting media should be selected to suit other materials involved in the fire. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

5. Stability/Reactivity

Stability and Reactivity: The product is stable
Conditions to avoid: not available
Materials to avoid: not available
Hazardous Decomposition products: not available

6. Handling and Storage

This kit should be stored as recommended on the product label. All components should be kept in tightly closed containers. Refer to the storage section of the kit insert for future information. This kit should only be handled and used by qualified, trained professionals.

7. Spill and Leak Procedures

Steps to be taken if material is spilled or released: Wear lab coat, chemical resistant gloves and safety glasses. Wipe up spill with a suitable absorbent and dispose of properly. Wash down the spill site.
Waste disposal method: Dispose of in accordance with all federal, state and local regulations.

8. Physical and Chemical Properties

Appearance: Colorless liquid
Odor : Weak odor
Odor threshold: No data available
Flash point : >70°C
Evaporation rate: No data available
Flammability: No data available
Upper/lower flammability or explosive limits: No data available



Vapour pressure: No data available
Vapour density: No data available
Solubility: Dissoluble in water
Partition coefficient: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidising properties : No data available

9. Transport Information

Road / Railway Haulage ADR/RID: Not restricted.
Sea Freight IMO (IMDG): Not restricted.
Air Freight IATA (ICAO): Not restricted.
UN Number: Not applicable.

10. Special Precautions

Precautions to be taken in handling and storage: This reagent is sold only for research use by personnel familiar with the toxicology of organic chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory.
This reagent is sold only in milliliter quantities for use in biological research. No other use is intended.
The above information is believed to be correct but does not purport to be all-inclusive and shall be used as a guide. Immunsystem IMS AB shall not be held liable for any damage resulting from handling or contact with the above product. The burden of safe use of these materials rests solely with the user.

11. Toxicity information

No toxic and health hazard information is available for this material

12. Ecological information

The product is environmentally safe in terms of fluidity, durability, biodegradability, potential bioaccumulation, aquatic toxicity and other related ecotoxicological properties.



13. Disposal methods

In addition to the need to comply with local laws and regulations, no special disposal methods.

14. Transport information

Air transport: Applicable

Attention Notes: Gentle with, prevent collision drag and dump.

This is not classified as a hazardous/dangerous material under IATA, IDMG regulations.

15. Regulatory Information

This product is used in the feed industry and does not contain harmful health substances.

16. Other information

Additional advice: none

This information data and recommendations contained here are based upon information believed by **Wuhan Feiyue Biotechnology Co., Ltd.**, after reasonable investigation and research, to be accurate, however, we don't warrant the accuracy of this information. All materials and mixtures may present unknown hazards and should be used with caution. When necessary or appropriate, independent opinions regarding the risk of handling or exposure should be obtained from trained professionals. **Wuhan Feiyue Biotechnology Co., Ltd.** disclaims any warranty against patent infringement and the implied warranties of merchantability and fitness for a particular purpose. Customer's sole and exclusive remedy shall be replacement of the product or return of the product and refund of purchase price, at our option, in no case shall we be liable for incidental or consequential damages, including lost profits.

