



Inc.

Carefree Enzymes,

Safety Data Sheet

1. Chemical Product and Company Identification

Product Name: *Bed and Blanket Protector*

Carefree Enzymes, Inc.

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2. Composition/Information on Ingredients

<u>Ingredients</u>	<u>CAS Numbers</u>
Potassium Sorbate	24634-61-5
Citric Acid	77-92-9
Yeast	68876-77-7
Purified Water	7732-18-5

3. Hazards Identification

Acute Effects

General: especially to	This material may contain potentially allergenic material. May cause irritation from allergic reaction, people who have a history of allergic reaction.
Eye:	Eye contact may cause serious/severe eye irritation. Avoid eye contact with product at all times.
Skin: unnecessary skin contact	Effects of skin contact may include redness and localized irritation. Avoid prolonged and with product.

Inhalation: Breathing of vapors or inhaling concentrated vapors may cause respiratory tract irritation. Avoid breathing vapors.

Oral: Ingestion may cause irritation of gastrointestinal tract, nausea, and diarrhea. Do not taste or swallow product.

Prolonged/Repeated Exposure Effects

Skin: Repeated or prolonged exposure may cause burning and irritation.

Inhalation: Prolonged breathing of vapors or inhaling concentrated vapors may cause respiratory tract irritation.

Oral: No known applicable information.

Signs and Symptoms of Overexposure

No known applicable information

Medical Conditions Aggravated by Exposure

May aggravate existing eye, skin or respiratory conditions.

4. First Aid Measures

Eye: Immediately flush eyes with a direct stream of water for at least 15 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissues. Do not rub eyes. Get prompt attention.

Skin: Flush skin with water and wash with mild soap and water. If clothing is penetrated, remove clothing and flush skin with water. Wash clothing before reuse. Seek prompt medical attention if irritation develops or rash occurs.

Inhalation: Remove to fresh air. If adverse effects develop, seek medical attention.

Oral: If conscious, have patient wash out mouth with water, then give water to drink. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get medical attention if patient feels unwell.

Comments: Treat according to person's condition and specifics of exposure.

5. Fire Fighting Measures

Flash Point: Not determined

Auto Ignition Temperature: Not determined

Flammability Limits in Air: Not determined

Extinguishing Media: Water fog or fine spray, dry chemical, carbon dioxide, and foam

Fire Fighting Measures: Use water spray to cool containers exposed to flames. Do not enter enclosed or confined workspaces without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.

Unusual Fire Hazards: None known

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

carbon oxides and traces of incompletely burned carbon compounds, sulfur oxides, and other undetermined compounds.

6. Accidental Release Measures

Containment/Clean Up: Build dike to contain flow. Remove free liquid. Contain spill and keep from entering waterways or sewers. Use

personal protective equipment. Absorb on inert material. Shovel, sweep, or vacuum spill and place in closed container for disposal according to local, state, and federal

regulations.

NOTE: See section 8 for Personal Protective Equipment for Spills

7. Handling and Storage

Storage Conditions: Store this product below 104° F (40°C) for product viability. Keep from freezing.

General Precautions: Keep container tightly closed when handling or storing. Exercise exposure controls and always wear personal protection.

See section 8.

8. Exposure Controls and Personal Protection

Engineering Controls

Local Ventilation: Recommended

General Ventilation: Recommended

Personal Protective Equipment for Routine Handling and Spills

Eyes: Always wear eye protection. Goggles or safety glasses with side shields are recommended.

Skin: Protective gloves are recommended

Suitable Gloves: Neoprene rubber or other chemical resistant material such as nitrile or viton may be used.

Inhalation/Suitable approved Under normal use, respiratory protection is not expected to be needed. The use of NIOSH or MSHA

equipment may be used if airborne exposure levels become concentrated or cause irritation.

Respirator:

Precautionary Measures: Avoid eye contact at all times. Wash thoroughly after handling chemicals. Use reasonable care.

9. Physical and Chemical Properties

Pure Substance or Mixture:	Mixture	Solubility in Water:	Soluble
Physical Form:	Liquid	Viscosity:	Not determined
Color:	Translucent Amber	Bulk Density@25°C	8.44lb/gal
Odor:	Characteristic Fermentation	Evaporation Rate:	No Data
pH (neat @ 25°C):	~4.50	Vapor Pressure:	No Data
Oxidizing Properties:	Not Established	Vapor Density (Air=1):	No Data
Boiling Point:	Similar to water	Volatile Organic %:	No Data

Melting/Freezing Point: Similar to water Flash Point: No Data
The physical data presented here are approximations, as the actual product's values may vary slightly.

10. Stability/Reactivity

Chemical Stability: Stable under normal temperature and pressure
Hazardous Polymerization: Hazardous polymerization will not occur
Materials to Avoid: Acids and bases may inactivate active ingredients. Avoid strong acids, bases and oxidizing agents.
Conditions to Avoid: See Section 7

Hazardous Decomposition Products:

Oxides of carbon and sulfur. See Section 5

	Health	Fire	Reactivity	Special
HMIS:	2	0	0	N/A
NFPA:	2	0	0	N/A

Note: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information in this MSDS must be considered.

NFPA = National Fire Protection Association HMIS = Hazardous Material Information System

11. Toxicological Information

Product Information: Unlikely to cause harmful effects under normal conditions of handling and use
Route of Entry: Eye contact; skin contact; inhalation; ingestion
Chronic (Long term) Effects of Exposure:
Effects of Chronic Exposure: Not Established
Target Organs: No Data
Carcinogen: No
Special Hazard Information: No known applicable information

12. Ecological Information

Environmental Fate and Distribution: Complete information is not yet available
Environment Effects: Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants: Complete information is not yet available.

13. Disposal Considerations

Dispose of in accordance with all federal, state and local regulations.
EMPTY CONTAINER WARNINGS: Empty containers may contain product residue. Follow MSDS and label warnings even after they have been emptied.

14. Transport Information

DOT Road Shipment Information (49 CFR 172.101)
DOT Proper Shipping Name: Not Determined
DOT Technical Name: Not Determined
DOT Primary Hazard Class: Not Determined

DOT Secondary Hazard Class: Not Determined
DOT Label Required: Not Determined
DOT Placard Required: Not Determined
DOT Poison Constituent: Not Determined
Bill of Lading Description: Not Determined

UN/NA Code: Not Determined

15. Regulatory Information

Section 312 Hazard Class

Acute: Yes
Chronic: No
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals: None

16. Disclaimer of Expressed and Implied Warranties

Disclaimer: This material safety data sheet (MSDS) was prepared in accordance with the 29 CFR 1910.1200.
The information contained herein is based upon data available to us and reflects our best professional judgment. However, no warranty is expressed or implied regarding the accuracy of such information or the results obtained from the use thereof. We assume no legal responsibility whatsoever for any damage resulting from reliance upon this information since it is being furnished upon the condition that the person receiving it shall make his or her own determination of the suitability of the material described herein for a particular application, storage, or disposal situation.