

Recombinant Proteins Expressed in Bacteria

1. Product and Company Information

Catalog Numbers	Product Category	Recombinant Proteins Expressed in Bacteria
60-0112, 60-0008, 60-0115, 61-0001, 62-0001, 62-0001, 62-0001, 62-00013, 62-00016, 62-00018, 62-00016, 62-00018, 62-0011, 62-00018, 62-00014, 62-00024, 62-00027, 62-00029, 62-00031, 62-00055, 62-00005, 62-00005, 62-0008, 62-0015, 62-00029, 62-0005, 62-00008, 62-0015, 62-00029, 62-0005, 62-00029, 62-0005, 62-00029, 62-00033, 62-00040, 62-0007, 62-00010, 62-00012, 62-00024, 62-0007, 62-00010, 62-00012, 62-00028, 62-0028, 62-0039, 62-0039, 62-0034, 62-00029, 62-000		·
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Prepared by Quality Control	Date Effective	May 12, 2010
	Prepared by	Quality Control

2. Composition/Information on Ingredients

Component	CAS No.	%w/w
Recombinant Proteins	NA	

3. Hazards Identification

Emergency Overview	
Routes of Exposure	
Potential Health Effects	
Eye	NA
• Skin	NA

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Recombinant Proteins Expressed in Bacteria

Inhalation	NA
 Ingestion 	NA
Chronic Effects/Carcinogenicity	NA
OSHA Regulatory Status	NA

4. First Aid Measures

Eyes	Check for and remove contact lenses. In case of contact, immediately flush through with water. Call a physician.
Skin	In case of contact, immediately flush skin with copious amounts of water. Remove contaminated clothing and shoes and wash before use. Contact physician.
Ingestion	If swallowed, wash mouth out with water, provided person is conscious.
Inhalation	If Inhaled, remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, call a physician.
Puncture Wounds	Wash thoroughly with soap and water. Allow to bleed freely. Call a physician.
Note to Physician	Treat symptoms as necessary.

5. Fire Fighting Measures

Flash Point/Method	NA
Explosive Limits	
Upper	NA
• Lower	NA
Auto ignition Temperature	NA
Hazardous Combustion Products	NA
Conditions of Flammability	NA
Extinguishing Media	Dry chemical
Fire Fighting Procedures	Wear positive pressure self-contained breathing
	apparatus (SCBA) and full turnout gear.
Explosion Data	
Sensitivity to Mechanical Impact	NA
Sensitivity to Static Discharge	NA

6. Accidental Release Measures

Leak and Spill Procedure	Soak up with inert absorbent material.

7. Handling and Storage

Handling	No special handling advice required.
Storage	Keep in properly labeled containers.

8. Exposure Controls/Personal Protection

Engineering Controls	Safety shower and eye bath. Mechanical exhaust required.
Personal Protective Equipment	

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Recombinant Proteins Expressed in Bacteria

Respiratory Protection	Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.
Eye Protection	Chemical safety goggles.
Skin Protection	Protective gloves and protective clothing.
General Hygiene Considerations	Wash hands thoroughly after handling; use good hygiene and safety practice.
Exposure Limits	
ACGIH TLV-TWA	NA
OSHA PEL-TWS	NA

9. Physical/Chemical Properties

Appearance	Physical state: frozen liquid
Odor	NA
Physical State	NA
рН	NA
Boiling Point	NA
Melting Point	NA
Freezing Point	NA
Vapor Pressure	NA
Vapor Density	NA
Specific Gravity	NA
Evaporation Rate	NA
Solubility in Water	NA
Odor Threshold	NA
Coefficient of Water/Oil Distribution	NA

10. Stability/Reactivity

Chemical Stability	This product is stable.
Conditions to Avoid	NA
Incompatibility (Material to Avoid)	NA
Hazardous Decomposition/By-Products	NA
Hazardous Polymerization	Does not occur.

11. Toxicological Information

Effects of Short-Term Exposure	NA
Effects of Long-Term Exposure	NA
Irritancy of Product	NA
Sensitization to Product	NA
Carcinogenicity	NA
Reproductive Toxicity	NA
Teratogenicity and Embryotoxicity	NA
Mutagenicity	NA
Name of Toxicologically Synergistic Products	NA
LD50 (specify species and route)	NA

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Recombinant Proteins Expressed in Bacteria

LD50 (specify species)	NA
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12. Ecological Information

Ecotoxicity	NA
Toxicity of the Products of Biodegradation	The product itself and its products of degradation
	are not toxic.

13. Disposal Considerations

Waste Disposal Method	Waste must be disposed of in accordance with
	federal, state, and local environmental control
	regulations.

14. Transport Information

Proper Shipping Name	NONE – not classified as dangerous by transport
	regulation.
Hazard Class	This product is considered non-hazardous for
	transport.
ID Number	
Packing Group	
Label Statement	

15. Regulatory Information

International Inventories	
U.S. Federal Regulations	
• SARA 313	Not SARA listed.
Clean Air Act, Section 112 Hazardous Air	Does not contain HAPs.
Pollutants (HAPs) (see CFR 61)	
U.S. State Regulations	
 California Proposition 65 	Does not contain chemicals listed under Prop. 65.
WHMIS Hazard Class	Not controlled under WHMIS (Canada)

16. Other Information

Preparation Information	
Revisions	
Original Issue Date	May 2010
Notice	The above information is believed to be correct but
	does not purport to be all inclusive and shall be
	used only as a guide. The information in this
	document is based on the present state of our
	knowledge and is applicable to the product with
	regard to appropriate safety precautions. It does
	not represent any guarantee of the properties of
	the product. Ubiquigent shall not be held liable for
	any damage resulting from handling or from
	contact with the product. See Ubiquigent website
	for terms and conditions of sale.
Disclaimer	For research use only. Not for use in diagnostic or
	therapeutic applications.

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Recombinant Proteins Expressed in Bacteria END OF SAFETY DATA SHEET

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