



JINLU BIO-TECHNOLOGY INC

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Identification and Company Information

English Name: Deoxidizing Catalyzing Enzyme JL-3

Company Name : SHANDONG JINLU BIO-TECHNOLOGY INC.

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Section 2: Ingredient /Component Part Information

Components: catalase

Section 3: Hazard overview:

Hazardous Class: There is no "Dangerous Goods" Mark and No. in the above chemical product .

The Incursive Way: Don't eat.

Health Hazard: If you eat it by mistake, it is harmful to your healthy.

Environmental hazard: None

Blasting Risk: None

Section 4: First Aid Measures:

Skin contact: Putting off the polluted clothes, and Rinsing the skin with a lot of flowing water.

Eye contact: Filed eyelid, rinsing it with a lot of flowing water or physiological saltwater.

Inhalation: Go to the place where have fresh air immediately. If you have difficulty in breathing, please inputting the oxygen. And go to the hospital.

Ingestion: Drink sufficient quantity of water, vomit. Go to the hospital.

Section 5: Fire Fighting Measures

Hazardous Properties: incombustible, inexplosive, Nontoxic

Harmful Combustion Products: None

Section 6: Accidental Release Measures

Emergency processing measures: Isolating the leakage polluted area, changing the package, scouring the ground. Collecting and recycling or transported to waste disposal sites, then disposing it.

Section 7: Handling and storage:

Handling Notes: The operator must be specially trained, to comply with working specifications strictly. Advising the operator wear a mask ,chemical safety glasses , personal proactive clothing and rubber gloves. No smoking in working place. Using the explosion-proof type ventilation system and equipment. Avoid being touched with oxidizing agent. When removing, lightly loading and unloading, to prevent the damage of the package and container. Fitting out corresponded leakage emergency equipments.

Storage Notes: Keeping them in cool and shady, ventilation storage house. Separate storing them from oxidizing agent, never mixing with other materials. There should be the suitable apparatus for leaked materials in storage house.

Section 8: Contact controls/ Personal Protection

Engineering Control: Closure in produced process, enhance ventilation.

Respiratory Protection: Wearing a mask

Eye Protection: Wearing chemical safety glasses

Body Protection: Wearing personal protective clothing

Hand Protection: Wearing rubber gloves

Other Protections: Washing your clothes in time. Keep good hygienic habits.

Section 9: Physical and Chemical properties:

Appearance : light brown liquid

PH value: 5 ± 0.5

Solute: water after treated properly

Specific gravity: 1.1 ± 0.1

Main Usage: It is applied in the washing process.

Section 10: Stability.

Stability: stable

Hazardous Reflect: None

Hazardous Decomposition Products: None

Section 11: Toxicological Information

Toxicity: None

Incipient Skin Irritation: Non-irritating

The initial issuance of mucous membrane irritation: Non-irritating

Section 12: Ecological Information

Environmental Influence: In the rat experiments, there is no retention in the body during the late period after inbreathing 300ppm.

Evaluation Of Aquatic Toxicity: So far, as we know, no adverse impact to ecological environment.

Section 13: Disposal Considerations:

Disposal of Waste Methods: In accordance with the local government rules, Dumping them at the garbage dump or setting on fire, the uncontaminated packing can be recycled.

Section 14: Transport Information

Package Class: Generally plastic drums packing, Specification: 125kg.

Transport Notes: The package should be complete before shipment, and the loading should be safe. During the transporting, making the container not leak, not fall, not crash, not damage, and avoiding high temperature.

Section 15: Regulatory Information

Regulatory information: Chemical hazardous goods management ordinance(Promulgated by the state council ,17th,Feb,1987), Chemical hazardous goods management ordinance implementing Rules(Promulgated by Chemical Labor,1992,No.677),The rules of safe using chemical products in workplace(Promulgated by the Labor,1996,No.423),this product does not need hazard *warning labels.*

Section 16 :Other Information:

About Specified Usage Information: This product is used in the craft of the textile washing. Except otherwise stated or appointed usage , it is only used in industry. It include the mentioned and recommended usage, If you plan to use it in others usage, you should talk with supplier. Especially when the usage of product is controlled by special standard and ordinance, you should discuss with the supplier.