

Twin Pro Industrial Safety Data Sheet

1.) IDENTIFICATION:

Product Name:	Power Zyme
Other Means of Identification:	None
Product use and restrictions on use:	Kitchen & Drain Odor & Waste degrader
Initial Supplier Identifier:	Twin Industrial Holdings Ltd. O/A Twin Pro Industrial 3203 Giffen Road North Lethbridge, AB T1H 0E8 403-329-4878
Prepared by:	Twin Pro Industrial
Emergency Phone:	CANUTEC at 1-613-996-6666

2.) HAZARD IDENTIFICATION

While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

GHS-Classification

Not Classified

Signal Word

No signal word

Hazard Statements

No know significant effects or critical hazards

Pictograms

None

Precautionary Statements

P101 – If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P103 – Read label before use.

3.) COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no hazardous ingredients at reportable concentrations.

4.) FIRST AID MEASURES

Inhalation: Move to a ventilated location. Consult a physician if symptoms occur

Skin Contact: Rinse with water. Consult physician if symptoms occur.

Eye Contact: Rinse with water for a few minutes. Consult a physician if symptoms occur.

Ingestion: Rinse mouth with water. Do NOT induce vomiting. Get medical attention is symptoms occur.

Additional Information Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms

5.) FIRE – FIGHTING MEASURES

Suitable Extinguishing Media: Non-flammable, use extinguishing media for surrounding fire.

Unsuitable Extinguishing media: Not Available

Specific Hazards Arising From The Chemical Not Available

Special Protective Equipment And precautions for Fire-Fighters Fire Fighters should wear full protective clothing, including self-contained breathing equipment suitable for surrounding fire.

6.) ACCIDENTAL RELEASE MEASURES

Personal Precautions/ Protective Equipment/ Emergency Procedures: Wear appropriate protective equipment. Ventilate area.

Environmental precautions: Prevent from entering sewers, waterways or low areas.

Methods and Materials: For Containment and Cleaning up: Scoop up excess product and wash site with water. If spill is large, stop at source. Dike area to prevent spreading and pump spillage to salvage tank.

7.) HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Wash thoroughly after handling.

Conditions for Safe Storage: Keep out of reach of children. Keep containers tightly closed when not in use. Store in a cool, dry, well ventilated area. Store at 15 -30°C

8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit(s)	Regulation	Type of Listing	Value
Product			
Power Zyme	Not Available	Not Available	Not Available

Engineering Controls:

Ventilation Requirements: Mechanical ventilation (dilution or local exhaust), press or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.

Other: Emergency shower and eyewash should be available and tested in accordance with regulations and be in close proximity.

Protective Equipment:

Eye/Face: Wear goggles or safety glasses if a splashing hazard exists.

Hand Protection: No specific requirements, but it is a good practice to prevent skin contact.

Skin and Body Protection: No specific requirements, but it is a good practice to prevent skin contact. Wash contaminated clothing and dry thoroughly before reuse.

Respiratory Protection: Use a NIOSH approved respirator if irritation or other symptoms are experienced.

Thermal Hazards: Not Available

9.) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Physical state:	Liquid
Color	Red
Odor	Pleasant scent
Odor Threshold	Not Available

Property

pH	6.5 – 7.5
Melting Point/Freezing Point	Not Available
Initial Boiling Point/Boiling Range	Not Available
Flash Point	Non- Flammable
Upper Flammable Limit	Not Applicable
Lower Flammable Limit	Not Applicable
Vapor Pressure(mm Hg, 20°C)	Equivalent to water
Vapor Density(Air=1)	Not Available
Relative Density	1.01
Solubility(ies)	Completely soluble
Partition Coefficient: n-octanol/water	Not Available
Auto-ignition Temperature	Not Applicable
Decomposition Temperature	Not Available
Viscosity	Not Available

10.) STABILITY AND REACTIVITY

Reactivity:	Not Available
Stability:	Stable under normal temperatures and pressure
Possibility of Hazardous Reactions:	Not Available
Conditions to Avoid:	Isolate from extreme heat and open flames
Incompatible Materials:	Avoid strong oxidizing agents, acids and bases
Hazardous Decomposition Products:	Carbon oxides, Sodium Oxides, Sulfur Oxides from heating

11.) TOXICOLOGICAL PROPERTIES

Acute Toxicity

<u>Product</u>	<u>Oral LD₅₀</u>	<u>Dermal LD₅₀</u>	<u>Inhalation LC₅₀</u>
Power Zyme	Not Available	Not Available	Not Available

Chronic Toxicity – Carcinogenicity

<u>Product</u>	<u>IARC</u>
Power Zyme	Not Available

Skin Corrosion/Irritation:	Eye and skin irritation
Ingestion:	Nausea, vomiting or diarrhea may result from ingestion
Inhalation:	May cause irritation
Serious Eye Damage/Irritation:	Direct contact may cause severe eye irritation and redness
Respiratory or Skin Sensitization:	Not Available

Germ Cell Mutagenicity:	Not Available
Reproductive Toxicity:	Not Available
STOT – Single Exposure:	Not Available
STOT – Repeated Exposure:	Not Available
Aspiration Hazard:	Not Available
Synergistic Products:	Not Available

12.) ECOLOGICAL INFORMATION

Ecotoxicity	Product	Toxicity to Fish	Toxicity to Fish	Toxicity to Daphnia and Other Aquatic Invertebrates
	Power Zyme	Not Available	Not Available	Not Available
Biodegradability:		Not Available		
Bioaccumulation:		Not Available		
Mobility:		Not Available		
Other Adverse Effects:		Not Available		

13.) DISPOSAL CONSIDERATIONS

Waste from Residues/ Unused Products:	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.
Contaminated Packaging:	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

14.) TRANSPORT INFORMATION

UN:	Not Regulated
UN Proper Shipping Name:	Not Regulated
Transportation Hazard Class:	Not Regulated
Packing Group:	Not Regulated
Environmental Hazards:	Not Available
Special Precautions:	Not Available
Transport In Bulk	Not Available
<u>TDG</u>	
Other:	Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.

15.) REGULATORY INFORMATION

Note: The product listed on this SDS has been classified in accordance with the hazard criteria of the controlled products regulations. This SDS contains all the information required by those regulations.

16.) PREPARATION AND OTHER INFORMATION

Preparation Date: Feb 2, 2017
Revised Date: Feb 2, 2017

**USE THIS NUMBER IN CASE OF DANGEROUS GOODS EMERGENCY:
CANUTEC (613) 996-6666**

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

Attention: Receiver of the chemical goods / SDS coordinator

Twin Industrial Holdings Ltd. and its associated companies require, as a condition of sale, that you forward the attached Safety Data Sheet(s) to all affected employees, customers, and end-users.