

“CHEMICAL SOLUTIONS THROUGH ADVANCED TECHNOLOGY”

MATERIAL SAFETY DATA SHEET

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Date Revised: 05/30/2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: **PCS-SOLU-ZYME**

General or Generic ID: PROPRIETARY MIXTURE

Product Use: ENZYME COMPOUND

Prepared By: Safety Department

Emergency Telephone: (613) 992-4624

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	TLV	CAS Number	% (by weight)
Bacterial Culture	N/A		

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Excess redness and swelling of the conjunctiva may occur. Causes moderate to severe irritation, experienced as discomfort or pain and excess blinking and tear production. Corneal injury may occur.

Skin

May cause irritation if a person has a history of dermal allergic reaction.

Ingestion

Considered non toxic but can lead to nausea or diarrhea.

Inhalation

May cause irritation.

4. FIRST AID MEASURES

Eyes

If material gets into the eyes, immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Do not remove contact lenses, if worn. Get medical attention.

Skin

In case of contact, wash with soap and water.

Ingestion

Give 2 glasses of water to dilute product. DO NOT induce vomiting. Contact a physician immediately

Inhalation

Calm individual and allow plenty of fresh air.

5. FIRE FIGHTING MEASURES

Flash Point

No Data

Explosive Limit
No Data
Auto Ignition Temperature
No Data
Hazardous Products of Combustion
No Data
Fire and Explosive Hazards
No Data
Extinguishing Media
N/A
Fire Fighting Instructions
N/A

6. ACCIDENTAL RELEASE MEASURES

Cleanup and Disposal of Spills:

Spills should be washed away with large amounts of water. Check local and provincial authority requirements in the case of disposing of large quantities.

7. HANDLING AND STORAGE

Avoid creating mist in enclosed environment. Do not handle product directly. Always wash hands thoroughly after use. Ensure packaged containers remain sealed. Store in safe place. Store in cool, dry conditions. Storage temperature should be between 41 F and 104 F (5 C and 40 C).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection

Chemical safety goggles in compliance with OSHA regulations.

Skin Protection

Wear impervious gloves (consult your safety equipment supplier). To prevent skin contact, wear adequate protective clothing and boots.

Respiratory Protection

Use approved respiratory mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

No Data

Freezing Point

No Data

Vapour Pressure

No Data

Vapour Density

No Data

Specific Vapour Density

No Data

Specific Gravity

No Data

Evaporation Rate

No Data

Solubility in Water

Moderate – Disperses in water.

Appearance

Clear / Bland

State
Liquid
Physical Form
Homogeneous Solution
Colour
Blue
Odour
Earthy, Fermentation no fragrance
pH
6.5 – 7.5

10. STABILITY AND REACTIVITY

Hazardous Polymerization
Product will not undergo hazardous polymerization.
Hazardous Decomposition
None
Chemical Stability
Stable
Incompatibility
Normally unreactive; however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds.

11. TOXICOLOGICAL INFORMATION

Studies involving the sustained occluded contact of undiluted material with rabbit skin indicate that such conditions may result in the development of inflammatory changes in the lungs. This material can cause lung injury if deposited as a liquid directly into the lung.

12. ECOLOGICAL INFORMATION

Microbial Formulations:
The product formulation contains a range of naturally-occurring microorganisms which are known to be non-pathogenic to man or animals.
Other:
The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.

13. DISPOSAL CONSIDERATION

Waste Management Information
Dispose of in accordance with Local, Provincial and Federal Regulations.

14. TRANSPORT INFORMATION

TDG Information
Description:
Not Regulated

15. REGULATORY INFORMATION

Not Applicable

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.