



# SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Identifier Primalac Poultry Water Soluble		
Product Use Livestock Feed Additive		
Manufacturer's Name Star-Labs/Forage Research, Inc.		
Street Address P.O. Box 77 – 8755 S.W. Hwy. 6		
City Clarksdale	State MO	
Postal Code 64430	Emergency Telephone 816-667-5396	
Date SDS Prepared 6-17-15		

## SECTION 2 — HAZARDS IDENTIFICATION

White, odorless. Non-flammable. Non-hazardous to eyes, skin & throat.					
Potential Health Effects None known					
Route of Entry	<input type="checkbox"/> Skin Contact	<input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Eye Contact	<input type="checkbox"/> Inhalation	<input type="checkbox"/> Ingestion
Emergency Overview					

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	LC <sub>50</sub> of Ingredient ( <i>specify species</i> )
None			Lactobacillus acidophilus fermentation product	
			Lactobacillus casei fermentation product	
			Bifido bacterium thermophilum fermentation product	
			Enterococcus faecium fermentation product	
			Corn starch and citric acid	

## SECTION 4 — FIRST AID MEASURES

Skin Contact - No special precautions; flush with water.
Eye Contact - If material comes in contact with the eyes, promptly wash the eyes with water. Get medical attention if any discomfort continues.
Inhalation -If a person breathes in large amounts of this material, move the exposed person to fresh air at once. Other measures are usually unnecessary.
Ingestion – No special precautions.

### SECTION 5 — FIRE FIGHTING MEASURES

Flammable <b>Not flammable</b>	If yes, under which conditions?	
Means of Extinction – Use appropriate media to extinguish source.		
Flashpoint (° C) and Method – Not Applicable	Upper Flammable Limit (% by volume) – Not Applicable	Lower Flammable Limit (% by volume) – Not Applicable
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact	Explosion Data — Sensitivity to Static Discharge
Hazardous Combustion Products		

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
No hazard – sweep or vacuum

### SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
Storage Requirements
Store in dry area; material is an animal feed ingredient. Do not store with incompatible materials.

### SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	<input type="checkbox"/> ACGIH TLV	<input type="checkbox"/> OSHA PEL	<input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process)			
No requirements			
Personal Protective Equipment	<input type="checkbox"/> Gloves	<input type="checkbox"/> Respirator	<input type="checkbox"/> Eye
		<input type="checkbox"/> Footwear	<input type="checkbox"/> Clothing
			<input type="checkbox"/> Other
If checked, please specify type			

### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State Powder	Odour and Appearance White	Odour Threshold (ppm) Odorless
Specific Gravity Not applicable	Vapour Density (air = 1) Negligible	Vapour Pressure (mmHg) Negligible
Evaporation Rate Negligible	Boiling Point (° C) Soluble	Freezing Point (° C) Not applicable
pH	Coefficient of Water/Oil Distribution	[Solubility in Water] Soluble

### SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions	If no, under which conditions?
Incompatibility with Other Substances  No	If yes, which ones?
Reactivity, and under what conditions? None	
Hazardous Decomposition Products Not applicable	

### SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

Star-Labs/Forage Research, Inc. has not conducted specific toxicity tests on this product.

Effects of chronic exposure

Star-Labs/Forage Research, Inc. has not conducted specific toxicity tests on this product

Irritancy of Product

Skin sensitization

Respiratory sensitization

Carcinogenicity-IARC

Carcinogenicity - ACGIH

Reproductive toxicity

Teratogenicity

Embrototoxicity

Mutagenicity

Name of synergistic products/effects

### SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]

Star-Labs/Forage Research, Inc. has not conducted specific ecological tests on this product.

### SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

Use normal waste disposal procedures that are in compliance with federal, state & local regulations.

### SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information

No special shipping procedures

PIN

TDG

[DOT]

[IMO]

[CAO]

### SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]

[OSHA]

[SERA]

[TSCA]

Not regulated by DOT

### SECTION 16 — OTHER INFORMATION

This product does not contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

The information contained herein is believed to be accurate, but Star-Labs/Forage Research, Inc. does not warrant, express or imply the fitness of contents hereof for either general or particular purposes.

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