

# St Gabriel Laboratories

## MATERIAL SAFETY DATA SHEET

Print Date: 11/01/05

### SECTION I - Product and Company Identification

**Product Name:** PREMERGE

**Chemical Name:** Corn Gluten

**Formula:** Mixture of protein, lipid, carbohydrate, and ash

**Company:** St Gabriel Laboratories, 14044 Litchfield Drive, Orange, Virginia, 22960

**24-Hour Emergency Assistance:** (800)801-0061

**For Other Information Call:** (540)672-0866

### SECTION II - Ingredients

Ingredient(s):	CAS No.	% by Wt.	OSHA PEL		ACGIH TLV	
			TWA	STEL	TWA	STEL
Corn Gluten Meal		~90	Nuisance particulate 15 mg/m <sup>3</sup> total dust	-----	Nuisne particulate, 10 mg/m <sup>3</sup> of total dust	-----

### SECTION III - Physical Data

**Boiling Point (°F):** Not applicable

**Specific Gravity (H<sub>2</sub>O=1):** Not applicable

**Vapor Pressure (mm Hg):** Not applicable

**Moisture (% by Wt.):** ~10

**Vapor Density (Air=1):** Not applicable

**Evaporation Rate (n-butyl acetate=1):**  
Not applicable

**Solubility in Water:** Not applicable

**Appearance and Odor:** Goldenrod, slight odor

### SECTION IV - Fire and Explosion Hazard Data

**Flash Point (Method Used):** Not applicable

**Extinguishing Media:** Water - Chemical - CO<sub>2</sub>

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** All dusts from grain products are explosive at critical air-dust concentrations.

### SECTION V - Health Hazard Data

**Route(s) of Entry:** Inhalation - as dust. Skin - no. Ingestion - unlikely; should pose no hazard.

**Carcinogenicity:** NTP - no. IARC - no. OSHA - no.

**Threshold Limit Value:** See Section II

**Effects of Overexposure:** None

**Emergency and First Aid Procedures:** None required

## SECTION VI - Reactivity Data

**Stability:** Stable

**Incompatibility (Materials to Avoid):** Strong oxidizing agents

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Will not occur

**Conditions to Avoid:** Do not allow dust to accumulate

## SECTION VII - Spill or Leak Procedures

**Steps to Be Taken in Case Material Is Released or Spilled:** Sweep up and/or flush clear with water; avoid production of dust.

**Waste Disposal Method:** Dispose of in approved solid waste disposal area per current regulations.

## SECTION VIII - Special Protection Information

**Personal Protective Equipment:** Protective clothing, gloves and safety eyewear protection are not required, but recommended. Use appropriate NIOSH-approved respirator when needed. Respirator selection must be based on contamination levels found in the work area. Comply with OSHA standards 29 CFR 1910.134 Respiratory Protection and 29 CFR 1910.1000 Air Contaminants Permissible Exposure Limits. Eyewash and safety shower should be available. Follow good housekeeping and manufacturing practices.

**Ventilation:** Use general or local exhaust ventilation to meet OSHA PELs or ACGIH TLV requirements.

## SECTION IX - Special Precautions

**Precautions To Be Taken In Handling and Storing:** Store in cool, dry area

**Other Precautions:** None

## SECTION X - Transportation (DOT Information)

**Department of Transportation - Classification:** Not applicable

**Department of Transportation - Identification Number:** Not applicable

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

SGL-MSDS  
PREMERGE  
Effective Date: 11/1/05