

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

**TRADE NAME (AS LABELED):** PepSoyGen  
**MANUFACTURER'S NAME:** Nutraferma  
**ADDRESS:** 501 South Flynn Street  
North Sioux City, SD 57409  
**EMERGENCY PHONE:** Chemtrec 1-800-424-9300 24 hrs a day  
**BUSINESS PHONE:** 712-277-2011  
**DATE OF REVISION:** April 9, 2009

## 2. HAZARD IDENTIFICATION

**NFPA Rating** (Scale 0-4 LEAST: 0 SLIGHT: 1 MODERATE: 2 HIGH: 3 EXTREME: 4) Health=0 Fire=0 Reactivity=0

**NFPA Hazard Ratings:** Health - 0, Flammability - 0, Instability - 0

The toxicological properties of this product have not fully investigated.

This product contains no toxicity components in humans. Powder material may form explosive dust-air mixture.

Main Hazards : Not classified as hazardous. Possibility of dust generation on handling

Health Effects (Eyes) : Dust can cause transient irritation

Health Effects (Skin) : Dust may cause irritation

Health Effects : Inhalation of the dust may cause irritation the mucous membrane and upper airways. Symptoms can include sneezing, coughing and breathing difficulties.

EC Safety : S25 (avoid contact with eyes) S22 (do not breathe dust) R36/37 (Irritating to eyes and respiratory system).

## 3. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS # / EINECS	Index R-phrases	% w/w
Pepsoygen (Fermented soybean meal)	None	R36/37	100%

## 4. FIRST-AID MEASURES

**IF INHALED:** Move to fresh air. Treat symptomatically. Get medical attention..

**IN CASE OF EYE CONTACT:** Wash immediately with water at least 15 minutes. Get medical attention if symptoms occur.

**IN CASE OF SKIN CONTACT:** Immediately flush with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

**IN CASE OF INGESTION:** Only induce vomiting at the instruction of medical personnel.

## 5. FIRE-FIGHTING MEASURES

**FLASH POINT:** Not Flammable

**AUTOIGNITION TEMPERATURE:** Not Established.

**EXTINGUISHING MEDIA:** You should use extinguishing media applicable to the surrounding fire.

Water Spray:	X	Carbon Dioxide:	X		
Appropriate Foam:	X	Dry Chemical:	X	Halon:	

**SPECIAL FIRE-FIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon oxides

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Shovel into suitable container for disposal. Avoid dust formation.

## 7. HANDLING and STORAGE

**HANDLING PRACTICES:** Avoid breathing dust. Avoid contact with eyes, skin.

**STORAGE PRACTICES:** Keep container tightly closed. Keep away from sources of ignition.

**PREVENTION OF FIRE AND EXPLOSION:** Keep away from sources of ignition.

## 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**OCCUPATIONAL EXPOSURE CONTROL:** total particulate (OSHA) 15 mg/m<sup>3</sup>, respirable fraction (OSHA) 5 mg/m<sup>3</sup>, and total particulate (ACGIH) 10 mg/m<sup>3</sup>

**VENTILATION:** Good general ventilation is recommended.

**RESPIRATORY PROTECTION:** If engineering controls do not maintain airborne concentrations to an acceptable level, wear an NIOSH approved respirator with particulate filter. Wear respirator complied with OSHA Standard 29CFR 1910.134.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND COLOR:** Powder material with dark ivory color.

**HOW TO DETECT THIS SUBSTANCE (warning properties):** Fermented soy odor.

**SPECIFIC GRAVITY:** 0.85

**VAPOR PRESSURE:** Not applicable.

**VOLATILE FRACTION BY WEIGHT:** None

**BOILING POINT/RANGE:** Not applicable.

**WATER SOLUBILITY:** Very low solubility.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

**CONDITIONS TO AVOID:** High temperatures and moisture absorption.

**MATERIALS DECOMPOSITION PRODUCTS:** None under normal conditions of use

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY:** Not specified.

## 11. TOXICOLOGICAL INFORMATION

### **TOXICITY DATA:**

The toxicological properties of this product have not fully investigated. This product is contains no toxicity components

Inhalation: None.

Eyes: May cause transient irritation due to physical contact.

Skin: Non-irritant.

Ingestion: None

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL STABILITY:** This section has not been completed.

## 13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal is subject to national, state, provincial, or municipal laws.

## 14. TRANSPORTATION INFORMATION

This product is not a hazardous material under U.S. Department of Transportation (DOT) 49 CFR 172, and is not regulated by the DOT or Transport Canada "Transportation of Dangerous Goods" regulations.

## 15. REGULATORY INFORMATION

**SARA REPORTING REQUIREMENTS:** No SARA Title III chemicals are contained in this material.

**TSCA INVENTORY STATUS:** Not listed in the TSCA inventory.

**MARINE POLLUTANT:** This product contains no component listed as a Marine Pollutant under 49 CFR 172.101, Appendix B.

**CALIFORNIA PROPOSITION 65:** Not found.

**CERCLA REPORTABLE QUANTITIES (RQ):** None

**STATE REGULATORY INFORMATION:** None.

Designation according to EC-guidelines:

*The product is subject to classification according to the calculation methods of the „General Classification Guideline for Preparations of the EC“ as issued in the latest version.*

*Observe the normal safety regulations when handling chemicals.*



• Code letter and hazard designation of product: *Xi Irritant*

• R-phrases:

*R 36/37 Irritating to eyes and respiratory system.*

• S-phrases:

*S 22 Do not breath dust*

*S 25 Avoid contact with eyes*

*S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice*

*S 36 Wear suitable protective clothing.*

## 16. OTHER INFORMATION

This MSDS conforms to requirements under U.S. , U.K., Canadian, Australian, and EU regulations or standards, and conforms to the proposed 2003 ANSI Z400.1 format.

**The information and recommendations herein are taken from data contained in independent, industry recognized references including, NIOSH, OSHA, ANSI, and NFPA. This information is furnished free of charge and is based on data believed to be reliable. It is intended for use by persons possessing technical knowledge at their own discretion and risk. Since actual use is beyond our control, no guarantee, express or implied, and no liability is assumed by Nutraferma Co. in conjunction with the use of this information. Nothing herein is to be construed as a recommendation to infringe any patents.**