



Section 1. Product and Company Identification

**Product Name** PHYTOSTEROL  
**CAS Number** Mixture

**Parchem - fine & specialty chemicals**  
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**New Rochelle, NY 10801**  
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EMERGENCY RESPONSE NUMBER  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

Not a hazardous substance or mixture.

**Other hazards:** None

Section 3. Composition / Information on Ingredients

**Common Name** PHYTOSTEROL  
**CAS Number** Mixture

Section 4. First Aid Measures

**Description of first aid measures**

**After skin and eye contact:** Flush with warm water.

**After ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed, call a physician.

**After inhalation:** Move person into fresh air. If not breathing, give artificial respiration.

**Most important symptoms and effects, both acute and delayed:** No data available.

**Indication of any immediate medical attention and special treatment needed:** No data available.

Section 5. Firefighting Measures

**Extinguishing Media:** Foam, CO2, extinguishing powder

**Special hazards arising from the substance or mixture:** Carbon oxides

**Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

Section 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Safety



glasses, lab coat, dust respirator

**Environmental precautions:** Keep away in larger quantities from bodies of water or sewage systems.

**Methods and materials for containment and cleaning up:** Sweep up and keep in suitable, closed containers for disposal.

#### Section 7. Handling and Storage

**Precautions for safe handling:** Normal measures for preventive fire protection.

**Conditions for safe storage, including any incompatibilities:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Section 8. Exposure Controls / Personal Protection

**Control parameters:** Handle in accordance with good industrial hygiene and safety practice.

**Exposure controls:** No special protection is required.

#### Section 9. Physical and Chemical Properties

**Appearance:** powder

**Color:** white to off-white

**Odor:** weak, characteristic

**Melting point:** 130 to 145°C

**Density (20°C):** 0.3 to 0.4 g/cm<sup>3</sup>

**Solubility in water (20°C):** insoluble

**Thermal decomposition:** > 300 °C

**Other information:** No data available.

#### Section 10. Stability and Reactivity

**Reactivity:** No data available.

**Chemical stability:** Stable under normal conditions.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid:** Sensitive to moisture and light.

**Incompatible materials:** Strong inorganic acids, Strong oxidizing agents.

**Hazardous decomposition products:** No dangerous decomposition products known.

#### Section 11. Toxicological Information

##### Information on toxicological effects

**Routes of entry:** Ingestion.

**Subchronic toxicity Mice (NOEL):** > 3,000 mg/kg/day

**Irritancy (human):** Phytosterols were not irritating on human skin.



**Sensitization (human):** There were no signs of irritation or sensitization in a human repeat insult patch test for phytosterols.

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Section 12. Ecological Information

**Toxicity:** No data available.

**Persistence and degradability:** Naturally occurring substance. Biodegradable.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Results of PBT and vPvB assessment:** No data available.

**Other adverse effects:** No data available.

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**ADR/RID:** N/A

**IMDG:** N/A

**IATA:** N/A

**Special precautions for user:** No special precautions needed.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** No data available.

Section 15. Regulatory Information

**Safety, health and environmental regulations/legislation specific for the substance or mixture:** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical safety assessment:** No data available.



Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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