

**E H. SMOLER**  
**Consulting Research for Agricultural Science LTD.**

**Shipurit CH 16**  
**Material Safety Data Sheet**

**Date: 02.05.08**

**Product: Shipurit CH 16 (Enzymes and amino acids mix)**

**Section I-Chemical Product and Company Identification**

**Manufacturer: E. H. SMOLER Consulting Research for Agricultural Science LTD.**

**PO Box 283**

**Gedera**

**Israel**

**70752**

**Date prepared: 01/05/2008**

**Prepared by: Dr E. SMOLER**

**Chemical name and synonyms: Mixture of substances with non hazardous additives**

**Section II – Composition/Information on Ingredients**

**Non hazardous components are mix with enzymes and amino acids.**

**Section III – Hazards Identification**

***Xn Harmful* R42 May cause sensitization by inhalation**

**Section IV – First Aid Measures**

**Treatment for eye contact: Flush with plenty of water for at least 15 minutes.**

**Treatment for skin contact: Generally the product does not irritate the skin.**

**Wash with soap and water.**

**Treatment for inhalation (Breathing): Supply fresh air: consult doctor in case of complains.**

**Treatment for Ingestion (Swallowing): If symptoms persist consult doctor.**

**Information for doctor: The following symptoms may occur: Allergic reactions.**

**Section V-Fire Fighting Measures**

**Flash Point: N/A**

**Limits Lel: N/A**

**Uel: N/A**

**Extinguishing Media: Flood with plenty of water, Co<sub>2</sub> or powder spray.**

**Special Firefighting Procedure: None**

**Section VI – Accidental Release Measures**

**Step to be taken in a case material is released or spilled: Sweep up unused, Avoid formation of dust. Avoid entrance of water.**

**Waste Disposal Method: Dispose of unused materials in refuse container. Dispose of in accordance with local, state and International regulation.**

#### **Section VII – Handling and Storage**

**Precautions for Handling and Storage: Caution!! Observing all local, state and international regulations. Ensure good ventilation.**

**Other Precaution: Wash thoroughly after handling. Exercise caution in the storage and handling of all chemical substances.**

**Storage: No special requirements**

#### **Section VIII – Exposure Controls, Personal Protection**

**Additional information about design of technical facilities: No further data see item VII.**

**Respiratory Protection: A NIOSH approved particulate filter respirator is recommended if excessive dust is generated.**

**Ventilation: Local Exhaust Ventilation: Recommended**

**Mechanical Ventilation: Recommended**

**Protective Gloves: Recommended**

**Eye Protection: Safety Glasses or Goggles Recommended**

**Other Protective Equipment: Not Required**

#### **Section IX – Physical and Chemical Properties**

**Boiling point: N/A**

**Vapor Pressure: N/A**

**Melting point: N/A**

**Vapor Density: N/A**

**Evaporation Rate: N/A**

**Solubility in water: Insoluble**

**Packing Density: 0.85/cc**

**Appearance and odor: Beige or gray particulate solid, powder or pellet. Odor: Characteristic.**

#### **Section X – Stability and Reactivity**

**Stability: Stable**

**Condition to avoid: None**

**Incompatibility (Material to avoid): N/A**

**Hazardous Decomposition products: N/A.**

**Polymerizing Condition to avoid: None**

#### **Section XI – Toxicological Information**

**See Health Effects Section III.**

**Sensitization possible through inhalation.**

#### **Section XII – Ecological Information**

**Do not allow undiluted product or large quantities of it reach ground water, water course or sewage system.**

#### **Section XIII – Disposal Considerations**

**Waste Disposal Methods: Dispose of unused product in refuse container. Dispose of in accordance with local, state and International regulations.**

**Section XIV – Transport Information**

**Proper Shipping Name: Not Regulated**

**Hazard Class: N/A**

**Identification Number: N/A**

**Packing Group: N/A**

**This Product has been tested according to the United Nations Transport of Dangerous Goods test protocol for spontaneously combustible materials. It has been specifically determined that this product does not meet the definition of self heating substance or any hazard class, and therefore is not a hazardous material and not regulated.**

**Land transport ADR/RID (cross-border)**

**ADR/RID class-**

**Maritime transport IMDG**

**IMDG class-**

**Marine pollutant: NO**

**Air transport ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:-**

**Section XV – Regulatory Information**

**SARA Title III: N/A**

**TSCA: N/A.**

**OSHA: N/A**

**EEC Council Directives relating to the classification, packaging and labeling of dangerous substances and preparations: Xn Harmful.**

**Hazard-determining components of labeling: enzymes.**

**Risk phrase: 42 May cause sensitization by inhalation.**

**Safety phrases: 22 Do not breathe dust, 24 Avoid contact with skin, 36/37 Wear suitable protective clothing and gloves.**

**Section XVI - Other Information**

**Intended Use: Generally used for treatment of concentrate and liquids feed.**

**While this information and recommendation set forth herein are believed to be accurate as of the date hereof, Shipurit CH 16, Enzymes mix.**

**E. H. SMOLER Makes No Warranty with respect and disclaims all Liability from Reliance Thereon.**

**Relevant R-phrases:**

**42 May cause sensitisation by inhalation.**

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**\*\*\*\*\*End of Material Safety Data Sheet\*\*\*\*\***