

**MATERIAL SAFETY DATA SHEET**  
(Similar to OSHA Form 174)

**IDENTITY: GW464**

**CHEMICAL NAME: Vegetable-oil based flake**

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**SECTION I**

DATE PREPARED: October 30, 2008

**SECTION II - HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION**

Partially Hydrogenated Soybean Oil with an oil-based emulsifier added.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: N/A	Specific Gravity: (H <sub>2</sub> O=1): 0.9
Vapor Pressure: N/A	Melting Point: 115 to 119° F
Vapor Density (Air=1): N/A	Evaporation Rate (Butyl Acetate=1): N/A

Solubility in Water: Insoluble  
Appearance: YELLOW VEGETABLE SHORTENING IN FLAKE FORM  
Weight per Gallon: Approximately 7.6 pounds/gallon

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Above 600° F  
Fire Point: Above 675° F  
Extinguishing Media: Foam, Dry Chemical, and CO<sub>2</sub>

Special fire fighting procedures: Avoid use of water in extinguishing fires.

Unusual fire and explosion hazards: Rags and other materials containing this product may heat and spontaneously ignite if exposed to air. Store wiping rags and similar material in metal cans with tight fitting lids.

**SECTION V - REACTIVITY DATA**

This material is stable and exhibits no hazardous polymerization.

**SECTION VI - HEALTH HAZARD DATA**

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Inhalation - 15mg/ml<sup>3</sup> (total particulate); 5mg/ml<sup>3</sup> (respiratory particulate)  
Carcinogenic Effects - none  
Signs and symptoms of exposure - physical irritation  
Medical conditions aggravated by exposure - N/A  
Emergency and First Aid Procedures - No special procedures required.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case material is released or spilled:

- (1) Small spill - add solid absorbent, shovel into disposable container and hose area.
- (2) Large spill - Dike area, squeegees or pump into holding container.

Waste disposal method: Dispose of in accordance with local, state, and Federal regulations.

Precautions to be taken in handling and storing: N/A

Other precautions: N/A

**SECTION VIII - CONTROL MEASURES**

Respiratory protection: In the presence of any vegetable oil mists, proper respiratory protection should be worn.

Ventilation: local exhaust.

Protective gloves: N/A

Eye protection: N/A

Other protective clothing or equipment: N/A

Work/hygienic practices: Normal good work practice.

This information relates to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for his/her own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent information.

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