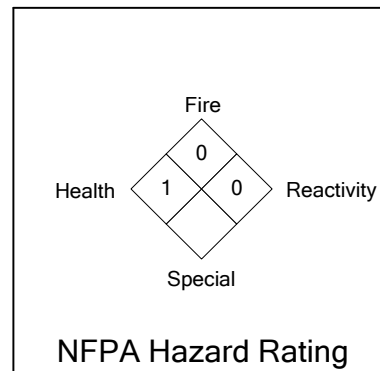


**Material Safety Data Sheet: Plasticizer Filter Cake**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product name** Plasticizer Filter Cake

**Effective date** November 2006



**Synonyms** diatomaceous earth and a mixture of di n-hexyl, di n- octyl, di n-decyl phthalate and di undecyl phthalate.

**Chemical formula** Mixture

**CAS name & no.** 84-75-3, 117-84-0, 84-77-5, 3648-20-2 (mixture)

**Manufacturer's name and address** Georgia Gulf Chemicals & Vinyls, LLC  
PVC Compound Division  
Highway 25  
Aberdeen, MS, USA 39730-3404

**Emergency telephone number** For transportation emergencies:  
CHEMTREC (800) 424-9300  
For all other emergencies: (225) 685-2500

**MSDS contact** Corporate Health & Safety Department  
P.O. Box 629  
Plaquemine, LA 70765-0629  
Phone Number (225) 685-2500

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of di n-hexyl phthalate, di n-decyl phthalate, di undecyl phthalate, di n-octyl phthalate and diatomaceous earth. Di n-octyl phthalate composes a maximum of 1% of mixture.

## 3. HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

**Primary Routes of Exposure:** Inhalation, Ingestion

**Eye:** Slightly irritating but does not injure eye tissue

**Skin Contact:** Low order of toxicity. Repeated or prolonged contact may result in irritation or drying of the skin, progressing to dermatitis.

**Skin Absorption:** Minimal toxicity

**Ingestion:** Minimal toxicity. Nausea and vomiting may occur with ingestion of large amounts

**Inhalation:** Negligible hazard at ambient temperature (0-100 degrees F)

### HAZARD CLASSIFICATION

**Acute Effects:** Very slight acute toxicity

**Chronic Effects:** No known chronic effects.

**Carcinogenic:** Not listed as a carcinogen by OSHA, NIOSH, NTP, IARC or EPA.

## 4. FIRST AID MEASURES

### Inhalation

Remove to fresh air. Obtain medical attention immediately if irritation persists.

### Skin Contact

Flush with water to remove material from skin. Obtain medical attention if irritation persists.

### Eye Contact

Flush with large amounts of water for 15 minutes. Obtain medical attention if irritation persists.

### Ingestion

Rinse mouth and drink plenty of water. If large amounts are ingested, seek medical attention. Only induce vomiting at the instructions of a physician.

## 5. FIRE FIGHTING MEASURES

**Flash Ignition Temperature** approx. 400°F (PM)

**Flammable Limits (% By Vol.)**

Lower Explosive Limit (LEL) Not Applicable

Upper Explosive Limit (UEL) Not Applicable

**Autoignition Temperature** Not Applicable

**Fire Fighting Procedures/Fire Extinguishing Media**

Carbon dioxide, dry chemical, foam or water.

**Unusual Fire and Explosion Hazards**

None.

**Fire-Fighting Equipment**

Wear full bunker gear including a positive pressure self-contained breathing apparatus in any closed space.

## 6. ACCIDENTAL RELEASE MEASURES

**Protect People:**

Remove unnecessary personnel from the release area.

**Protect the Environment:**

Contain material to prevent contamination of the soil, surface water or ground water.

**Clean Up:**

Spills should be contained, solidified and placed in a disposal container. See Section 11.

## 7. HANDLING AND STORAGE

**Handling**

Use the proper personal protective equipment during handling. Ensure proper ventilation of stores and work area. Use good housekeeping practices.

**Storage**

Store in a cool, dry, protected area away from heat, sparks, and flame.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

All personal protective equipment should be selected in accordance with the hazard assessment required by 29 CFR 1910.132 (d).

### Respiratory Protection

For most conditions, no respiratory protection should be needed. Use appropriate NIOSH approved respirator in accordance with 29 CFR 1910.132 and 1910.134, to prevent overexposure. Respirators must be selected based on the airborne levels found in the workplace and must not exceed the working limits of the respirator.

### Eye Protection

Safety Glasses/Chemical goggles

### Skin Protection

Skin protection meeting the requirements of 29 CFR 1910.132 may be needed. Use chemical resistant gloves (neoprene recommended).

### Ventilation

May be necessary to provide general and/or local ventilation to help maintain airborne concentrations below exposure guidelines. Local exhaust ventilation should comply with OSHA regulations and the American Conference of Industrial Hygienists, Industrial Ventilation - A Manual of Recommended Practice.

### Exposure Guidelines

No exposure limits have been established for this material. It is recommended that exposure be kept below the limits for alkyl phthalates: 5 mg/M<sup>3</sup> 8 hr-TWA

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light brown, oily paste
<b>Molecular Weight</b>	Mixture
<b>Odor</b>	Faint hydrocarbon odor
<b>Boiling Point</b>	approx. 662 deg. F
<b>Melting Point</b>	N/A
<b>Solubility</b>	Negligible
<b>Specific Gravity (Water = 1.0)</b>	N/A
<b>Vapor Density (Air = 1.0)</b>	N/A
<b>Vapor Pressure</b>	<0.1 mbar @ 20 deg. C
<b>pH</b>	N/A

## 10. STABILITY AND REACTIVITY

### Stability

Stable under normal conditions.

### Polymerization

Hazardous polymerization does not occur.

### Hazardous Decomposition Products

Carbon dioxide, carbon monoxide

### Incompatible Materials

Strong alkaline materials, nitric acid

## 11. TOXICOLOGICAL INFORMATION

This product has not been specially tested. Data for a similar product is given below.

Eye Contact:	Rabbit Eye Irritation: Minimal (Irritation Index of 4.3 on a scale of 1.0-11.0)
Skin Contact:	Rabbit Skin Irritation: Minimal (Irritation Index of <1.0 on a scale of 1.0-8.0)
Inhalation:	No data available.
Ingestion:	Rat Oral Toxicity: No mortality seen at dose of approximately 32 mg/kg

## 12. ECOLOGICAL INFORMATION

### Environmental Fate:

**Biodegradation:** Not determined

**Aquatic:** Not determined

### Ecotoxicity:

Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Management Information:** Do not dump into any sewers, on the ground, or into any body of water. Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Waste characterization and compliance with applicable laws are the responsibility of the waste generator.

**14. TRANSPORTATION INFORMATION****Proper Shipping Name** Not Regulated by DOT regulations**DOT Hazard Class****DOT Shipping I.D. No.****PG****RQ****15. REGULATORY INFORMATION**

Regulatory information is not meant to be all-inclusive. It is the user's responsibility to ensure compliance with federal, state or provincial and local laws.

**SARA Title III****Section 302 and 304 of the Act; Extremely Hazardous Substances (40 CFR 355)**

<u>COMPONENT</u>	<u>CAS No.</u>	<u>TPQ (lbs)</u>	<u>RQ (lbs)</u>
None	N/A	N/A	N/A

Note: TPQ - Threshold Planning Quantity

RQ - Reportable Quantity

**Section 311 Hazard Categorization (40 CFR 370)**

<u>ACUTE</u>	<u>CHRONIC</u>	<u>FIRE</u>	<u>PRESSURE</u>	<u>REACTIVE</u>
Not Listed				

**Section 313 Toxic Chemicals (40 CFR 372.65)**

This product contains the following EPCRA Section 313 chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986

<u>COMPONENT</u>	<u>CAS No.</u>	<u>WT. %</u>
Not listed		

**CERCLA****Section 102(a) Hazardous Substances (40 CFR 302.4)**

<u>COMPONENT</u>	<u>CAS No.</u>	<u>WT. %</u>	<u>RQ (lbs)</u>
None	N/A	N/A	N/A

**RCRA**

Not regulated

## 15. REGULATORY INFORMATION (cont.)

### TSCA

All components are listed on the TSCA inventory or are exempt.

### Canadian Regulations

This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33 and the MSDS contains all information required by this regulation. WHMIS: Not Controlled

## 16. OTHER INFORMATION

**IMPORTANT:** The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state, and local laws and regulations. **GEORGIA GULF CHEMICALS AND VINYLs, LLC MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN.** Georgia Gulf Chemicals and Vinyls, LLC will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading. This information relates to the material designated and may not be valid for such material used in combination with any other materials nor in any process.

MSDS Status: Original Date 11/6/2006

Supercedes: new