

**Material Safety Data Sheet**



CORPORATE HEADQUARTERS  
9130 South Dadeland Boulevard  
Suite 1607, Two Datan Center  
Miami, Fl 33156-78513.USA

**NUTRISOIL®**

**Date of Preparation: 5/1/06**

MSDS No. 0078

**CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585**

# NUTRISOIL®

## MSDS

---

7300 North Kendall Drive, Suite 521 • Miami, Fl 33156 – 7851 , USA  
Phone : (305) 670-0145 (877) -61-EXCEL • Fax : (305) 670-9976 • Mobile: (786) 210-1290  
E-mail: [jcepeda@excelag.com](mailto:jcepeda@excelag.com) [vcepeda@excelag.com](mailto:vcepeda@excelag.com)  
Website : [www.excelag.com](http://www.excelag.com)

Member of:



**Material Safety Data Sheet**

CORPORATE HEADQUARTERS  
9130 South Dadeland Boulevard  
Suite 1607, Two Dattran Center  
Miami, Fl 33156-78513.USA

**NUTRISOIL®**

Date of Preparation: 5/1/06

MSDS No. 0078

CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585

**Product Identification****Product Name:** NUTRISOIL®**Chemical Name:** Leonardite, naturally occurring carbonaceous material**Chemical Family:** Crude Humic Acids**General Use:** Soil Amendment and Biostimulant**Composition / Information on Ingredients**

Ingredient	CAS #	OSHA HAZARD	Concentration %
Humic Acid	1415-93-6	Y	12.50 %
Fulvic Acid	1415-93-6	Y	12.50 %
Total Humic Acids			25.00 %
Organic Solution			75.00 %

**Section II- Hazard Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%( <i>optional</i> )
NONE				

**Section III.- Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.4 - 1.6
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water: <b>Slight</b>			
Appearance and Odor: <b>Dark brown to black particles and/or dust; no odor</b>			

**Section IV- Fire and Explosion Hazard Data**

Flash Point (Method Used): Non-combustible	Flammable Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: N/A			
Special Fire Fighting Procedures: N/A			

7300 North Kendall Drive, Suite 521• Miami, Fl 33156 – 7851 , USA

Phone : (305) 670-0145 (877) -61-EXCEL • Fax : (305) 670-9976 • Mobile: (786) 210-1290

E-mail: [jcepeda@excelag.com](mailto:jcepeda@excelag.com) [vcepeda@excelag.com](mailto:vcepeda@excelag.com)Website : [www.excelag.com](http://www.excelag.com)

Member of:



**Material Safety Data Sheet**

CORPORATE HEADQUARTERS  
9130 South Dadeland Boulevard  
Suite 1607, Two Dattran Center  
Miami, Fl 33156-78513.USA

**NUTRISOIL®****Date of Preparation: 5/1/06**

MSDS No. 0078

**CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585**Unusual Fire and Explosion Hazards: **NONE****Section V.- Reactivity Data**

Stability	Unstable		Conditions to Avoid: <b>NONE</b>
	Stable	<b>X</b>	
Incompatibility ( <i>Materials to Avoid</i> ): <b>Urea - caking; absorbs moisture from the air</b>			
Hazardous Decomposition or Byproducts; <b>None</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid <b>NONE</b>
	Will Not Occur	<b>X</b>	

**Section VI.- Health Hazard Data**

Route(s) of Entry:	<b>Inhalation?; YES</b>	<b>Skin? NO</b>	<b>Ingestion? YES</b>
Health Hazards ( <i>Acute and Chronic</i> ): <b>Avoid dust inhalation. Use particulate respirator.</b>			
<b>Safe to ingest in small quantities.</b>			
<b>Carcinogenicity: Unknown</b>	<b>NTP? N/A</b>	<b>IARC Monographs? None Known</b>	<b>OSHA Regulated? No</b>
Medical Conditions Generally Aggravated by Exposure: <b>Emphysema, allergies or upper-respiratory illnesses</b>			
Emergency and First Aid Procedures: <b>Should particles get in eye, wash with approved eyewash.</b>			

**Section VII.- Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled: <b>Clean-up with vacuum, shovel, broom &amp; dustpan.</b>
Waste Disposal Method: <b>Landfill or agricultural application.</b>
Precautions to Be taken in Handling and Storing: <b>No special precautions</b>
Other Precautions: <b>None</b>

7300 North Kendall Drive, Suite 521 • Miami, Fl 33156 – 7851 , USA  
Phone : (305) 670-0145 (877) -61-EXCEL • Fax : (305) 670-9976 • Mobile: (786) 210-1290  
E-mail: [jcepeda@excelag.com](mailto:jcepeda@excelag.com) [vcepeda@excelag.com](mailto:vcepeda@excelag.com)  
Website : [www.excelag.com](http://www.excelag.com)

Member of:



## Material Safety Data Sheet



CORPORATE HEADQUARTERS  
9130 South Dadeland Boulevard  
Suite 1607, Two Datan Center  
Miami, Fl 33156-78513.USA

**NUTRISOIL®**

Date of Preparation: 5/1/06

MSDS No. 0078

CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585

### Section VIII.- Control Measures

Respiratory Protection ( <i>Specify Type</i> ): <b>Particulate respirator</b>		
Ventilation: Avoid strong drafts - dusty	Local Exhaust: If in enclosed area	Special: <b>N/A</b>
	Mechanical ( <i>General</i> ): Regular	Other: <b>N/A</b>

Protective Gloves: None Required	Eye Protection: <b>Approved safety glasses – particulate hazard</b>
Other Protective Clothing or Equipment: <b>N/A</b>	
Work/Hygienic Practices: <b>Good housekeeping to minimize dust.</b>	

### Section IX Spill or Leak Procedures

**Steps to be Taken in Case Material is Released or Spilled:** Wear suitable protective clothing. Sweep up excess. Wash area thoroughly with water. Keep away from ignition sources.

**Waste Disposal Methods:** Dispose of in accordance with all applicable federal, state and local regulations.

### Section X. Special Precautions

**Precautions to be Taken in Handling and Storing:** Store in original, sealed container in cool, ventilated area. Protect from freezing or overheating. Avoid open flames and sparks. Keep in secured area, away from children and unauthorized people. Do not contaminate water supplies, lakes, streams or ponds.

**Other precautions:**

- A) RCRA Hazardous Waste Number: Not listed
- B) SARA Title III, Section 313: Not listed
- C) SARA Threshold Planning quantity: 10,000 lbs.
- D) CERCLA Reportable quantity: Not listed
- E) 49 CFR 172.102, Appendix A: Not listed
- F) 49 CFR 172.102, Appendix B: Not listed

### XI. Additional Regulatory Information

**DOT Hazard Class:**

**Hazardous Substance:**

**EPA SARA Title III Data:** This product does not contain toxic chemicals listed on SARA Section 313 Community Right to Know or Toxic Release Inventory. All components of this product are listed on the TSCA inventory.

---

7300 North Kendall Drive, Suite 521 • Miami, Fl 33156 – 7851 , USA  
Phone : (305) 670-0145 (877) -61-EXCEL • Fax : (305) 670-9976 • Mobile: (786) 210-1290  
E-mail: [jcepeda@excelag.com](mailto:jcepeda@excelag.com) [vcepeda@excelag.com](mailto:vcepeda@excelag.com)  
Website : [www.excelag.com](http://www.excelag.com)

Member of:



**Material Safety Data Sheet**



CORPORATE HEADQUARTERS  
9130 South Dadeland Boulevard  
Suite 1607, Two Dattran Center  
Miami, Fl 33156-78513.USA

**NUTRISOIL®**

**Date of Preparation: 5/1/06**

MSDS No. 0078

**CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585**

## XII. Shipping Information

**Shipping Name:** Not Regulated by DOT(highway), IMG (water), or IATA (air).

**Hazard Class:** None

**Identification No:** None

**Labels required:** None

**Placarding:** None required

**Freight Class:** Compound , Fertilizer (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70).

**Hazardous Substance :** Slight Acute Health Hazard

**EPA SARA Title III Data:** This product does not contain toxic chemicals listed on SARA Section 313 Community Right to Know or Toxic release Inventory. All components of this product are listed on the TSCA inventory.

## XIII. Other Information

**National Fire Protection Association Rating:**

(Rating level: 4- Extreme, 3- High, 2- Moderate, 1-Slightly, 0-Minimum)

Health: 1

Fire: 2

Reactivity: 1

**S.A.R.A. Title III Hazard Classification: (Yes/No)**

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of pressure: Y

Fire: N

Reactive: N

**Prepared by:**

**Revision Notes :**

**Disclaimer:** Reasonable care has been taken in preparation of this information. The information contained herein is based on the data available to us and is believed to be correct as of the date prepared; however, ExcelAg Corp., makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

7300 North Kendall Drive, Suite 521• Miami, Fl 33156 – 7851 , USA

Phone : (305) 670-0145 (877) -61-EXCEL • Fax : (305) 670-9976 • Mobile: (786) 210-1290

E-mail: [jcepeda@excelag.com](mailto:jcepeda@excelag.com) [vcepeda@excelag.com](mailto:vcepeda@excelag.com)

Website : [www.excelag.com](http://www.excelag.com)

Member of:

