

**1. PRODUCT IDENTIFICATION:  
PRODUCT USE:**

AGRICULTURAL TERRAMEND®  
Soil Amendment

**MANUFACTURER:**

Adventus Americas Inc.  
2871 W. Forest Rd, Suite 2  
Freeport, IL  
61032

**EMERGENCY PHONE:**

Office Hours: 815-235-3503  
After Hours: 630-309-1175

**TRANSPORTATION OF DANGEROUS GOOD CLASSIFICATION:**

Not Regulated

**WHMIS CLASSIFICATION:**

Not Regulated

**CONTAINMENT HAZARD:**

Any vessel that contains wet TERRAMEND or TERRAMEND and water must be vented due to potential pressure build up from fermentation gasses.

**2. INGREDIENTS**

CHEMICAL NAME:	CAS#	TLV(mg/m3)	LD low (mg/Kg)	% by Weight
Organic Amendment	N/D	N/E	N/E	90 - 95
Iron	7439-89-6	5	20	5 - 10

**3. PHYSICAL DATA**

Physical state.....	Solid	Freezing point (Deg.C).....	N/A
Odour threshold.....	N/A	Boiling point (Deg.C).....	N/A
Specific gravity.....	N/A	Vapour pressure.....	N/A
Density.....	0.48 Kg/L	Vapour density (air=1).....	N/A
pH.....	5.2	Evaporation rate.....	N/A
Solubility in water.....	N/A	Coeff. of water/oil.....	N/A
Appearance.....	Tan Powder		

**4. FIRE AND EXPLOSION HAZARD DATA**

**CONDITIONS OF FLAMMABILITY:**

Non Flammable

**EXTINGUISHING MEDIA:**

**WATER**      **FOAM**      **CO<sub>2</sub>**  
X

**OTHER:**      Use a fog nozzle to spray water

**SPECIAL PROCEDURES:**

Firefighters should wear SCBA.

**FLASH POINT (Deg. C PMCC):** None

	<b>LOWER</b>	<b>UPPER</b>
<b>FLAMMABLE LIMITS IN AIR % BY VOLUME:</b>	N/A	N/A

<b>AUTO IGNITION TEMP (Deg. C):</b>	N/A
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<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Some metallic oxides
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**EXPLOSION DATA:**

Sensitivity to Impact.....None known  
 Sensitivity to Static Discharges.....Not sensitive (minimum spark ignition energy >8J,  
 determined by analysis of D6386)  
 Relative Explosion Hazard Rating Weak

**5. REACTIVITY DATA**

**STABILITY (NORMAL COND.):**

**Stable:** X                      **Unstable:**

<b>CONDITIONS TO AVOID:</b>	None
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<b>CONDITIONS OF REACTIVITY:</b>	None
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<b>INCOMPATIBILITY (Materials to Avoid):</b>	None
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<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None
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**6. TOXICOLOGICAL PROPERTIES**

**ROUTE OF ENTRY:**

- Skin Contact
- Absorbed by skin
- Eye Contact
- Inhalation
- Ingestion

Effects of acute exposure: Inhalation: over-exposure by inhalation may cause respiratory irritation.  
 Eyes: may irritate eyes (conjunctivitis, retinae) upon contact.  
 Ingestion: not a normal exposure route, but could induce gastric problem.  
 Effects of chronic exposure: Repeated inhalation of dust can produce respiratory irritation.

LD low (rabbit) mg/kg (calc.)..... 100	Exposure limits.....N/D
Irritancy.....N/D	Sensitization.....N/D
Synergistic Mat.....None known	Carcinogenicity.....None known
Reproductive Eff.....None known	Teratogenicity.....None known
Mutagenicity.....None known	

**7. PREVENTIVE MEASURES**

**PERSONAL PROTECTIVE EQUIPMENT:**

**Eye Protection:** X      **Gloves:** X      **Clothing:**

**RESPIRATORY PROTECTION:**

Use dust mask in severe conditions

**VENTILATION REQUIREMENTS:**

Not normally required

**SPILL AND LEAK PROCEDURES:**

Sweep up and return to container

**WASTE DISPOSAL:**

No special requirements necessary

**HANDLING PROCEDURES:**

Wear safety glasses for normal use. Avoid generating excessive dust, wear dust mask in severe conditions.

**STORAGE REQUIREMENTS:**

Keep dry

Any vessel that contains wet TERRAMEND or TERRAMEND and water must be vented due to potential pressure build up from fermentation gasses.

**SPECIAL HANDLING INFORMATION:**

Treat as a nuisance dust

**8. FIRST AID MEASURES**

Not normally required.

Wash off skin with soap and water.

If inhaled, remove to fresh air, treat symptoms as required.

**9. OTHER INFORMATION**

None

**10. PREPARATION INFORMATION**

Prepared By:

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Date Prep./Rev.:

4/26/06

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4/26/06

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**Definitions:**

N/D - No Data

N/A - Not Applicable

N/E - Not Established

< - Less than

A= Oral rat LD50

B= Oral rat LD low

C= Oral LD50/LD low other animal

> - Greater than

D= Estimated 1000

E= Arbitrary 2000

F= Other route prefix

C= Ceiling limit