

**MATERIAL SAFETY DATA SHEET** Applied Micro Products, Inc. Business Hours Phone: 919-493-8033  
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Chapel Hill, NC 27517-8647 Effective Date: June 22, 2007  
USA .

### AMP21 - Soil Amendment to Extend Wood Life

#### SECTION 1 - PRODUCT IDENTIFICATION

Product Name AMP21 – Soil Amendment to Extend Wood Life  
Common Name Sugar, Wax, and Gypsum  
Intended Use Wood Preservative  
Manufactured in USA

#### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	US OSHA PEL	ACGIH TLV	%
Sucrose	57-50-1	15 mg /m <sup>3</sup>	10 mg/m <sup>3</sup>	63.0
Paraffin	6472-43-4	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	32.0
Calcium Sulfate	7778-18-9	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	5.0

#### SECTION 3 - HAZARDS IDENTIFICATION / EMERGENCY OVERVIEW

HMIS Hazard Classifications: Health - 1 Flammability - 1 Reactivity - 1

Appearance: Light brown, waxy blocks, very low odor  
Chemical Reactions: Hazardous polymerization will not occur. Incompatible with acids or oxidizers.  
Avoid storage temperature above 125F  
Fire Hazard: Flashpoint is greater than 400F  
Health Hazards: No adverse human health effects (acute or chronic) have been identified.  
Exposure Route: Skin contact  
Carcinogenicity: No component has been identified as a carcinogen by IARC, OSHA, or NIOSH

#### SECTION 4 - FIRST AID MEASURES

Eye Contact Flush eyes with clean water for at least 15 minutes. Seek medical attention if irritation persists.  
Skin Contact Wash skin with soap and water  
Ingestion DO NOT INDUCE VOMITING. Seek medical attention.  
Inhalation Move the exposed person to fresh air.

#### SECTION 5 - FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION: Health - 1 Flammability - 1 Reactivity - 1

Flash Point >400F (204C, closed cup for paraffin)  
Lower Flammable Limit Not established.  
Upper Flammable Limit Not established.  
Autoignition Temperature Not established.  
Fire Extinguishing Materials Use a media that is appropriate for the surrounding area  
Fire Fighting Instructions Use personal protection equipment that is appropriate for the surrounding area.  
Fire and Explosion Hazards None have been identified  
Combustion Products carbon monoxide, carbon dioxide, sulfur dioxide

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Collect block fragments or sweep and collect loose material. Dispose the same manner as residential trash.

## SECTION 7 - HANDLING AND STORAGE

Store away from heat and moisture. Store separately from food and feed.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Store and transport blocks to avoid breaking or cracking.

Personal Protection Equipment: Use safety glasses with side shields during the application.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Waxy block	Specific Gravity	1.025-1.09
Color	Light Brown	Boiling Point	Not determined
Odor	Negligible	Melting Point	150F
Physical State	Formed block	Evaporation Rate	Not applicable
Solubility in Water	Slight	Vapor Density	Not determined
Vapor Pressure	Not determined	% Volatile	0.00
ph	Not applicable		

## SECTION 10 - STABILITY AND REACTIVITY

Stability	This product is stable during appropriate storage and intended use.
Hazardous Polymerization	Hazardous polymerization will not occur.
Incompatibility	Acids or oxidizers
Conditions to Avoid	Extreme heat
Decomposition Products	Carbon monoxide, carbon dioxide, sulfur dioxide

## SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity	oral:rat LD <sub>50</sub> (sucrose) 29.7 g / kg intraperitoneal: mouse LD <sub>50</sub> (sucrose) 14.0 g / g
Carcinogenicity:	
NTP	No component listed
IARC	No component listed
OSHA	No component listed
Z List	No component listed

## SECTION 12 - ECOLOGICAL INFORMATION

No data is available on ecological toxicity.

## SECTION 13 - DISPOSAL CONSIDERATIONS

This product may be disposed in a sanitary landfill.

## SECTION 14 - TRANSPORT INFORMATION

DOT:	Chemicals, n.o.s. (non-regulated)
IMO:	Chemicals, n.o.s. (non-regulated)

Marine Pollutant: Yes (calcium sulfate)  
ICAO: Chemicals, n.o.s. (non-regulated)  
Reportable Quantity: None

#### **SECTION 15 - REGULATORY INFORMATION**

SARA 313 Toxic Chemicals	Not listed
CERCLA Hazardous Substance	Not listed
Extremely Hazardous Substance	Not listed
SARA 311 / 313	Acute: Yes, Chronic: Yes, Flammability: No, Pressure: No, Reactivity: No
TSCA Inventory	All components are listed on the TSCA Inventory
California Proposition 65	No components are known to the state of California to cause cancer, birth defects, or reproductive harm.
CEPA	All components are listed on the Canadian DSL
OSHA	All three components have PELs established by OSHA. The product is classified as hazardous under the Hazard Communication Regulation (29 CFR 1910.200)

#### **SECTION 16 - OTHER INFORMATION**

Type of issue	Final in ASNI Z400 format
Prepared by	Chad Roper, PhD, Science Director
Date prepared	22 June 2007
Date reviewed	9 July 2007
Supersedes	not applicable

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