

<b>Material Safety Data Sheet</b> May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements		<b>U.S. Department of Labor</b> Occupational Safety and Health Administration (Non Mandatory Form) Form Approved OMB No. 1218-0072		
IDENTITY (as used on label or list) <b>Phyton 27 AG</b>		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.		
<b>Section I</b>				
Manufacturers Name Phyton Corporation		Emergency Telephone Number ChemTrec: 800-424-9300 (CCN 20531)		
Address 5608 International Parkway New Hope, MN 55428		Telephone Number for Information: (763) 432-4008		
		Date Prepared: April 5, 2007		Amended: 04/09/12
		Signature of Preparer (optional)		
<b>Section II-Hazardous Ingredients/Identity Information</b>				
Hazardous Components (specific chemical identity; common name(s).)				Other Limits
CAS#	Name	OSHA PEL	TWA	Recommended % (optional)
00007758-98-7	Copper (II) Sulfate	N/E	N/E	21.27
00001401-55-4	Tannic Acid	N/E	N/E	1.08
<b>Section III-Physical/Chemical Characteristics</b>				
Boiling Point	N/D	Specific Gravity (water = 1)		1.23
Vapor Pressure (mm Hg)	N/D	Melting Point		N/D
Vapor Density (Air = 1)	N/D	Evaporation Rate (butyl acetate =1)		N/D
Solubility in Water		SOLUBLE		
Appearance and Odor		Opaque, Brown-green Liquid		
<b>Section IV-Fire and Explosion Data</b>				
Flash Point (Degrees F)	Method Used	Flammable Limits	LEL	UEL
>200.9	Koehler Tag Closed Cup	N/A	N/A	N/A
Extinguishing Media Dry chemical, carbon dioxide for small fires, and Universal foam or water spray for large fires.				
Special Fire Fighting Procedures No special requirements				
Unusual Fire and Explosion Hazards				
<b>Section V-Reactivity Data</b>				
Stability	Unstable	Conditions to Avoid		
	Stable X	Freezing		
Incompatibility (Materials to Avoid)		None known		
Hazardous Decomposition or Byproducts		Oxides of carbon, nitrogen, sulfur and phosphorus.		
Hazardous Polymerization		Conditions to Avoid		
Not Expected		None known		

**Section VI - Health Hazard Data**

Route(s) of Entry	Inhalation Not Likely	Skin Yes	Ingestion Yes
Health Hazards (Acute and Chronic)		Causes substantial but temporary eye injury.	
Carcinogenicity:	NTP NOT LISTED	IARC Monograph NOT LISTED	OSHA Regulated NOT LISTED
Signs and Symptoms of Exposure:		Eye and mucous membrane irritation. Harmful if swallowed. If ingested DO NOT induce vomiting.	
Medical Conditions Aggravated by Exposure		None known	
Emergency and First Aid Procedures:		<p><b>If in Eyes:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.</p> <p><b>If on Skin or Clothing:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.</p> <p><b>If Swallowed:</b> Call a poison control center or doctor immediately for treatment advice. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are unavailable, 1 or 2 glasses of water, if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.</p> <p><b>Note to Physician:</b> Skin symptoms may be similar to copper allergic reactions and can be treated similarly, including the use of steroid-containing lotion. If swallowed, probable mucosal damage may contraindicate the use of gastric lavage.</p>	

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

Steps to be Taken in Case Material is Released or Spilled	Contain large spills with inert absorbent material. Sweep up and place in a closed container. Clean up residual material by washing with hot water. Collect washings for disposal. Dispose of in accordance with federal, state and local regulations.
Waste Disposal Methods	Do not contaminate with other wastes. Consult federal, state and local regulations regarding proper disposal.
Transportation Data	Motor freight classification: AG INSECTICIDE, NOI ITEM #102 120 Non Hazardous. Harmonized Commodity Description & Coding System, HS:AG INSECT. Non Corrosive under DOT standards IAW 49 CFR 172 & 173 Non flammable - Non combustible
Precautions to be Taken in Handling or Storing	Do not ship or store below 45 degrees F or 8 degrees C
Other Precautions	This Product is not expected to decompose, combust, or negatively react under normal circumstances

**Section VIII-Control Measures**

Respiratory Protection (Specify Type)		NONE SHOULD BE REQUIRED	
Ventilation	Local Exhaust Mechanical (General)	SHOULD NOT BE REQUIRED RECOMMENDED	Special Other NONE NONE
Protective Gloves	RECOMMENDED	Eye Protection	GOGGLES
Other Protective Clothing or Equipment		EYE WASH STATION OR EYE WASH APPARATUS	
Work/Hygienic Practices		Use appropriate protective equipment	