

APG**Analytical Products Group, Inc.**2730 Washington Blvd., Belpre, OH 45714
740-423-4200 800-272-4442 Fax 740-423-5588**Material Safety Data Sheet**

Date prepared on: 9/13/95

Last revised on: 1/20/08

Page 1

Section I: Product Identification

CATALOG NUMBER: 800/4080/4082-4083/6080	PRODUCT NAME: Total Phenolics
---	-------------------------------

Section II - Hazardous Ingredients/Identity Information

Chemical Name	CAS Reg. No.	OSHA PEL (TWA)	% Composition*
No hazardous component greater than 1% by weight.			

Non-Hazardous Ingredients/Identity Information

Chemical Name	CAS Reg. No.	OSHA PEL (TWA)	% Composition*
Phenol	108-95-2	5 ppm	<0.1%
Water			99.9%

* components are calculated on a weight/weight basis.

Section III - Physical/Chemical Characteristics of Hazardous Ingredients**Phenol**

BOILING POINT: 181.9°C	SPECIFIC GRAVITY: 1.072		
VAPOR PRESSURE: 1 mm @ 40.1°C	SOLUBILITY IN WATER: Soluble	APPEARANCE/ODOR: White crystalline, distinctive odor	

Section IV - Fire and Explosion Hazard Data

FLASH POINT (Method used): Not available	AUTO IGNITION TEMPERATURE: Not available	FLAMMABLE LIMITS Not available	LEL	UEL
EXTINGUISHING MEDIA: Non-flammable, use extinguishing media appropriate for surrounding the fire.				
SPECIAL FIRE FIGHTING PROCEDURES: NA				
UNUSUAL FIRE AND EXPLOSION HAZARDS: NA				

Section V - Reactivity Data

STABILITY:	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>	Conditions to Avoid: None known
INCOMPATIBILITY (Materials to avoid): Water reactive materials.			
HAZARDOUS DECOMPOSITION PRODUCTS: None known			
HAZARDOUS POLYMERIZATION:	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid: None known

Section VI - Health Hazard Data

ROUTES OF ENTRY	Inhalation? Yes	Skin? YES	Ingestion? YES
HEALTH HAZARDS (Acute and Chronic): ACUTE: NA CHRONIC: Exposure to low concentrations of phenol may cause digestive disturbances or more serious effects.			
COMPONENTS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS: None known			
SIGNS AND SYMPTOMS OF EXPOSURE: Irritation to eye, nose and skin.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin, eye and respiratory disorder.			
EMERGENCY AND FIRST AID PROCEDURES: Seek medical assistance for treatment, observation and support if necessary. EYE CONTACT: Flush with water. SKINI CONTACT: Flush with water. INHALATION: Inhalation of the sample solution may require medical assistance depending on the individual's response. INGESTION: Drink large amounts of water. If vomiting occurs, repeat liquid administration.			

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sample should be absorbed on suitable media and help for incernation. Diluted solutions can be oxidized with bleach or hydrogen peroxide/ferrous sulfate and disposed through the sewer.
WASTE DISPOSAL METHOD: See above
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Preferred storage is in a cooled cabinet.
OTHER PRECAUTIONS* Phenol is a very dangerous compound. These samples or solutions should never be heated or evaporated to dryness.

Section VIII - Control Measures

RESPIRATORY PROTECTION (Please specify): None required	
VENTILATION: Local exhaust	
PROTECTIVE GLOVES: Neoprene rubber gloves suggested	EYE PROTECTION: Safety glasses or goggles.
OTHER PROTECTIVE EQUIPMENT: Soft contact lenses may absorb phenol and all contact lenses tend to concentrate irritants.	
EMERGENCY WASH FACILITIES: Maintain eye wash and quick drench showers in work area.	

Section IX – WHIMS Class – Not Hazardous

The information stated in this Material Safety Data Sheet (MSDS) is believed to be correct on the date of publication and must not be considered all conclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. Persons not specifically and properly trained should not handle this chemical or its container. This MSDS is provided without any warranty expressed or implied, including merchantability or fitness for any particular purpose.

This product is furnished for laboratory use ONLY! Our standards may not be used as drugs, cosmetics, agricultural or pesticidal products, food additives or as house hold chemicals.

* Various Government agencies (i.e., Department of Transportation, Occupational Safety and Health Administration, Environmental Protection Agency, and others) may have specific regulations concerning the transportation, handling, storage or use of this product which may not be contained herein. The customer or user of this product should be familiar with these regulations.