

IDENTITY: Gallic Acid #502

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SECTION I

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Manufacturer's Name: Nortech Water & Energy, Inc.  
Address: 35 Connecticut Ave., Norwich, CT 06360  
Emergency Telephone Number: 860-887-9050  
Telephone Number for Information: 860-887-9050  
Date Prepared: 8-28-95

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SECTION II Hazardous Ingredients/Identity Information

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Hazardous Components (Specific Chemical Identity; Common Names):

Gallic Acid

OSHA PEL: NA  
ACGIH TLV: NA  
Other Limits Recommended: NA  
%: NA

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SECTION III Physical/Chemical Characteristics

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Boiling Point: NA  
Specific Gravity (H<sub>2</sub>O=1): 0.6-0.7  
Vapor Pressure (mm Hg.): NA  
Melting Point: With decomposition @ 240 C  
Vapor Density (AIR=1): NA  
Evaporation Rate (Butyl Acetate=1): NA  
Solubility in Water: 1% w/v @ 20 C  
Appearances and Odor: White crystal or powder, no odor

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SECTION IV Fire and Explosion Hazard Data

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Flash Point (Method Used): Non flammable  
Flammable Limits: NA LEL: NA UEL: NA  
Extinguishing Media: Water spray  
Special Fire Fighting Procedures: NA

NA - not applicable

NE - not established

Unusual Fire and Explosion Hazards: NA

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SECTION V Reactivity Data

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Stability: Stable: X Unstable:  
Conditions to Avoid: NA

Incompatibility (Materials to Avoid): Weak oxidizers

Hazardous Decomposition or Byproducts: Carbon monoxide and carbon dioxide  
pyrolysis will produce pyrogalllic acid, a poison.

Hazardous Polymerization: May Occur: Will Not Occur: X  
Conditions to Avoid: NA

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SECTION VI Health Hazard Data

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Route(s) of Entry: Inhalation: X Skin: X Ingestion: X  
Health Hazards (Acute and Chronic): Mild local irritant. Very low  
systemic toxicity. ORAL RAT LD 50 5g/kg. DERMAL RAT LD 50 4g/kg.

Carcinogenicity:  
NTP: NA IARC Monographs: NA OSHA Regulated: NA

Signs and Symptoms of Exposure: Mild local irritant.

Medical Conditions  
Generally Aggravated by Exposure: NA

Emergency and First Aid Procedures: Eye contact: Wash out thoroughly  
with water. Skin Contact: Wash thoroughly with soap and water. Ingestion:  
Seek medical advice.

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## SECTION VII    Precautions for Safe Handling and Use

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Steps to be Taken in Case Material is Released or Spilled: Flush away with hot water.

Waste Disposal Method: As per local, state and Federal regulations or contact an approved and licensed disposal agency.

Precautions to be Taken in Handling and Storing: NA

Other Precautions: NA

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## SECTION VIII    Control Measures

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Respiratory Protection (Specify Type): Dust mask if necessary.

Ventilation (Local/Mechanical/Special): Local

Protective Gloves: Rubber gloves

Eye Protection: Chemical goggles

Other Protective Clothing or Equipment: Lab coat

Work/Hygienic Practices: Good hygienic practices

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