IDENTITY: Gallic Acid #502

SECTION I

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: 6-28-95

SECTION II Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names):
Gallic Acid

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

SECTION III Physical/Chemical Characteristics

Boiling Point: NA
Specific Gravity (H2O=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

SECTION IV Fire and Explosion Hazard Data

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

SECTION V Reactivity Data

Stability: Stable: X Unstable: NA
Conditions to Avoid: NA
Incompatibility (Materials to Avoid): Weak oxidizers

Hazardous Decomposition or Byproducts: Carbon monoxide and carbon dioxide pyrolysis will produce pyrogallic acid, a poison.
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: NA

SECTION VI Health Hazard Data

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.
SECTION VII Precautions for Safe Handling and Use

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

SECTION VIII Control Measures

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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