IDENTITY: S-242

SECTION I

Manufacturer's Name: CASCADE WATER SERVICES, Inc.
Address: 113 BLOOMINGDALE ROAD, HICKSVILLE, NY 11801
Emergency Telephone Number: 800-424-9300
Telephone Number for Information: 516-932-3030
Date Prepared: 10-8-99

SECTION II Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names):
Sodium Sulfite CAS# 7757-83-7
Sodium Hydroxide CAS# 1310-73-2
Sodium Polyacrylate, Polyacrylic Acid, Sodium Salt CAS# 9003-04-7
Sodium Hexametaphosphate CAS# 68915-31-1
OSHA PEL: NE
ACGIH TLV: NE
Other Limits Recommended: NA
%: NA

SECTION III Physical/Chemical Characteristics

Boiling Point: 212 F
Specific Gravity (H2O=1): 1.1
Vapor Pressure (mm Hg.): NE
Melting Point: NA
Vapor Density (AIR=1): NE
Evaporation Rate (Butyl Acetate=1): NE
Solubility in Water: Complete
Appearances and Odor: Clear liquid, odorless.

SECTION IV Fire and Explosion Hazard Data

Flash Point (Method Used): NA
Flammable Limits: NA LEL: NA UEL: NA
Extinguishing Media: Water spray, water fog
Special Fire Fighting Procedures: Product is noncombustible but pressure-demand, self-contained breathing apparatus should be used by fire fighters in buildings or confined areas where product is stored.
Unusual Fire and Explosion Hazards: None

SECTION V  Reactivity Data

Stability: Stable: X  Unstable:

Conditions to Avoid: NA

Incompatibility (Materials to Avoid): Acids and excessive heat.

Hazardous Decomposition or Byproducts: Carbon dioxide is generated when reacted with acids or exposed to high temperatures

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): NA

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

Signs and Symptoms of Exposure: CAN CAUSE BURNS TO SKIN AND EYES. CONTACT WITH EYES CAN CAUSE PERMANENT EYE DAMAGE. Avoid contact with eyes, skin and clothing. Avoid breathing dust, mist or spray.

Medical Conditions
Generally Aggravated by Exposure: Skin irritation in hypersensitive individuals.

Emergency and First Aid Procedures:

EYES: Immediately flush with plenty of water for at least 15 minutes, holding eyelids apart to ensure flushing of entire eye surface. Washing eyes within seconds is essential to achieve maximum effectiveness. Seek medical attention.

SKIN: Wash contaminated area with plenty of water. Remove contaminated clothing and footwear. Wash clothing before reuse and discard footwear which cannot be decontaminated. Seek medical attention.

INGESTION: NEVER give anything to an unconscious person. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. SEEK MEDICAL ATTENTION.

INHALATION: Remove person to fresh air. If irritation persists, seek medical attention.
SECTION VII  Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Prevent product from entering drinking water supplies or streams. Collect product and package for disposal according to local, state and federal regulations.

Waste Disposal Method: The materials resulting from clean-up operations may be hazardous wastes and therefore subject to specific regulations. Package, store, transport, and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations. Appropriate disposal will depend on the nature of each waste material and should be performed by competent and properly permitted contractors. Ensure that all responsible federal, state, and local agencies receive proper notification of disposal.

Precautions to be Taken in Handling and Storing: Avoid repeated personal and clothing contact. Store at room temperature.

Other Precautions: NA

SECTION VIII  Control Measures

Respiratory Protection (Specify Type): Use with adequate ventilation and employ respiratory protection when exposure to dust, mist or spray is possible

Ventilation (Local/Mechanical/Special): Local

Protective Gloves: Impermeable

Eye Protection: Goggles

Other Protective Clothing or Equipment: Body protective clothing and shoes are recommended.

Work/Hygienic Practices: Good hygienic practices.

THE DATA IN THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL IN ANY PROCESS. THE INFORMATION SET FORTH HEREIN IS FURNISHED FREE OF CHARGE AND IS BASED ON TECHNICAL DATA THAT NORTECH WATER & ENERGY, INC. BELIEVES TO BE RELIABLE. IT IS INTENDED FOR USE BY PERSONS HAVING TECHNICAL SKILL AND AT THEIR OWN DISCRETION AND RISK. SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. NOTHING HEREIN IS TO BE TAKEN AS A LICENSE TO OPERATE UNDER OR A RECOMMENDATION TO INFRINGE ANY PATENTS.