IDENTITY: A-120

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: 8-30-04

SECTION II  Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names):

Sodium Hydroxide                                      CAS# 1310-73-2
Sodium Polyacrylate, Polyacrylic Acid, Sodium Salt    CAS# 9003-04-7
Sodium Lignosulfonate                                 CAS# 8061-51-6

OSHA PEL: NA
ACGIH TLV: 2mg/m3 ceiling based on 100% concentration
Other Limits Recommended: NA
%: NA

SECTION III  Physical/Chemical Characteristics

Boiling Point: NA
Specific Gravity (H2O=1): NA
Vapor Pressure (mm Hg.): NA
Melting Point: NA
Vapor Density (AIR=1): NA
Evaporation Rate (Butyl Acetate=1): NA
Solubility in Water: Miscible
Appearances and Odor: Brown liquid

SECTION IV  Fire and Explosion Hazard Data

Flash Point (Method Used): NA
Flammable Limits: Non-flammable  LEL:  UEL:  
Extinguishing Media: Water spray, foam
Special Fire Fighting Procedures: Protective clothing and pressure demand
self-contained breathing apparatus should be worn by firefighters where
this product is stored.

NA - not applicable  NE - not established
Unusual Fire and Explosion Hazards: None

SECTION V  Reactivity Data

Stability: Stable: X Unstable: 
Conditions to Avoid: Inorganic acids

Incompatibility (Materials to Avoid): This product should be added slowly to water to avoid exothermic reactions.

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: Material is not known to polymerize.

SECTION VI  Health Hazard Data

Route(s) of Entry: Inhalation: X Skin: X Ingestion: X

Health Hazards (Acute and Chronic): This product is a corrosive material.
Acute oral LD50 = 140-340mg/kg (rat)
Acute dermal LD50 = 1.35gm/kg (rabbit)

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

Signs and Symptoms of Exposure: This product is destructive to skin and eye tissue and can cause severe burns. Airborne concentration of mist of this product may cause damage to the respiratory tract.

Medical Conditions
Generally Aggravated by Exposure: NA

Emergency and First Aid Procedures:

SKIN: Flush well with water for 15 min.

EYES: Flush with plenty of water for 15 min. Get medical attention immediately.

INGESTION: If swallowed, do not induce vomiting. Give large quantities of water or milk. Get medical attention immediately.
SECTION VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Leaks should be stopped and cleaned up immediately. Spill area should be flushed with plenty of water while avoiding splashing. Personnel should wear protective clothing and equipment.

Waste Disposal Method: Flush to normal sewerage with large quantities of water. Material may be hazardous waste therefore subject to Federal, state and local regulations.

Precautions to be Taken in Handling and Storing: Signal Word: Danger! Statement of hazardous. See label on drum. Causes severe burns to skin and eyes.

Other Precautions: Do not use zinc or aluminum valves to draw off material.

SECTION VIII Control Measures

Respiratory Protection (Specify Type): Respirator where mist may be generated.

Ventilation (Local/Mechanical/Special): Local

Protective Gloves: Impervious

Eye Protection: Chemical goggles

Other Protective Clothing or Equipment: Coveralls, chemical resistant shoes. Showers and eyewash facilities should be accessible.

Work/Hygienic Practices: Wash contaminated clothing with soap and water and dry before reuse.

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.