IDENTITY: CS-46

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 Nitrite                           CAS# 7632-00-0
Sodium Tetraborate Pentahydrate          CAS# 1330-43-4
Sodium Hydroxide                         CAS# 1310-73-2
Sodium 2-Mercaptobenzothiazole           CAS# 2492-26-4
Sodium Silicate                          CAS# 1344-09-8
Phenolphthalein                          CAS# 77098
OSHA PEL: NA                              
ACGIH TLV: NA                            
Other Limits Recommended: NA
%: NA

SECTION III Physical/Chemical Characteristics

Boiling Point: 212 F
Specific Gravity (H2O=1): 1.24
Vapor Pressure (mm Hg.): 24mm
Melting Point: NA
Vapor Density (AIR=1): NA
Evaporation Rate (Butyl Acetate=1): NA
Solubility in Water: Miscible
Appearances and Odor: Red, odorless liquid

SECTION IV Fire and Explosion Hazard Data

Flash Point (Method Used): NA
Flammable Limits: NA          LEL: NA          UEL: NA
Extinguishing Media: Water
Special Fire Fighting Procedures: Firefighters should wear self-contained NIOSH approved, breathing apparatus with a full face piece. Full protective clothing should also be provided. Use water spray to cool fire exposed containers or to drench spilled oxidizer material.

NA - not applicable           NE - not established
SECTION V  Reactivity Data

Stability:           Stable: X               Unstable:               

Conditions to Avoid: Temperatures above 320 C: decomposes to yield oxides of nitrogen which are toxic and are also oxidizers.

Incompatibility (Materials to Avoid): Hazardous reaction can occur with acids, ammonium compounds, reducing agents

Hazardous Decomposition or Byproducts: Toxic, gaseous nitrogen oxides, which are oxidizers. Leaves a caustic residue

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

Signs and Symptoms of Exposure:  Ingestion may cause dizziness and nausea. Irritant to skin and eyes.

Medical Conditions
Generally Aggravated by Exposure: NA

Emergency and First Aid Procedures:

EYES: Immediately flush with large amounts of water for at least 15 minutes while holding the eyelids open. Contact a physician immediately.

SKIN: Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Contact a physician if irritation develops.

INGESTION: If patient is conscious, give several glasses of water for dilution effect and contact a physician immediately. Do not give an unconscious person anything by mouth.

INHALATION: Remove from contaminated atmosphere. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact a physician.
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 for salvage or package for disposal according to local, state and federal regulations.

Waste Disposal Method: Dispose of waste product in accordance with state and local regulations.

Precautions to be Taken in Handling and Storing: Store at room temperature.

Other Precautions: NA

SECTION VIII  Control Measures

Respiratory Protection (Specify Type): NA

Ventilation (Local/Mechanical/Special): Local

Protective Gloves: Impermeable

Eye Protection: Goggles

Other Protective Clothing or Equipment: NA

Work/Hygienic Practices: Good hygienic practices.

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