

# MATERIAL SAFETY DATA SHEET

## SECTION 1 PRODUCT IDENTIFICATION

BCE CLEANING SYSTEMS  
300 PARK AVENUE  
Calhoun, Georgia 30701  
Inquiry Phone: (800) 850-8623  
Emergency Phone (800) 535-5053  
Prepared on 1/4/93

**PRODUCT NAME: PRO FOAM**  
**PRODUCT CODE: 01-1-111**

NFPA hazard codes:                      NFPA acute hazard rating:  
0 = Least                                  3 = High                                  Health:                                  2  
1 = Slight                                  4 = Extreme                              Flammability:                          0  
2 = Moderate                              Reactivity:                              1

## SECTION 2 CHEMICAL COMPOSITION

Note: List all CERCLA hazardous substances fit 1% or greater and CARCINOGENS at 0.1% or greater.

<b>INGREDIENT (chemical name)</b>	<b>CAS#</b>	<b>% range</b>	<b>TLV/ PEL</b>	<b>TWA</b>	<b>STEL/ Ceiling Skin</b>
Sodium Hydroxide	1310-73-2	<5	2mg/m3	N/A	2mg/m3
Sodium Ethylenediamina Tetraacetate	64-02-8	<5	N/A	N/A	N/A
Sodium Nitrilotriacetate	5064-31-3	<5	N/A	N/A	N/A
Nonylphenol Poly(oxyethylene)	9018-45-2	<5	N/A	N/A	N/A

Note: Sodium Hydroxide is a SARA TITLE III SECTION 304 materials subject to reporting by user within the manufacturing section.

## SECTION 3 EMERGENCY & FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. **Get immediate medical attention.** **SKIN CONTACT:** Immediately flush exposed area with water for at least 15 minutes. If irritation occurs, get medical attention. **INHALATION:** Remove individual to fresh air. If symptoms persist, get immediate medical attention. **INGESTION:** Do not induce vomiting. Dilute by giving water and fruit juice. Get immediate medical attention.

**NOTE TO PHYSICIAN:** Contains Sodium Hydroxide.

## SECTION 4 PHYSIOLOGICAL EFFECTS

**PRIMARY ROUTE(S) OF ENTRY INTO BODY:** Skin contact, Ingestion.

**ACUTE EFFECTS:** Eyes: Redness, watering. Skin: Redness, irritation. Inhalation: Irritation, coughing. Ingestion: Burning sensation, nausea.

**CHRONIC EFFECTS:** None known.

## SECTION 5 OCCUPATION CONTROL PROCEDURES

**VENTILATION:** Local exhaust.

**PERSONAL PROTECTION:**

Respirator type: None required if concentration is below TLV/PEL. Otherwise use NIOSH approved CCROV or or better respirator.

Gloves: Chemical resistant gloves recommended.

Eye Protection: Chemical splash goggles.

## SECTION 6 PHYSICAL DATA

Appearance/odor: Clear dark brown / slight ammonia

Physical state: Liquid

Boiling Point: 212\* F

Freeze Point: 30\* F

Specific Gravity: 1.09

pH concentrate: 13.2

1 % pH dilution: 11.7

Solubility in water: Complete

Vapor pressure: 17 mmHg

Vapor density (air = 1): > 1

Evaporation rate (water = 1): >1

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## SECTION 7 FIRE & EXPLOSION DATA

Flash point: None.

Method: T.C.C.

Flammable (explosive) limits in air: N/A.

Suitable extinguishing media: Water / foam.

Hazardous combustion bi-products: Carbon Monoxide.

Recommended fire-fighting procedures: Firefighters should wear waterproof protective clothing.

Unusual fire & explosive hazards: None.

## SECTION 8 REACTIVITY DATA

Stability: Stable.

Conditions to avoid: Extreme high heat.

Hazardous decomposition products: None.

Hazardous polymerization: Will not occur.

Incompatibility:

Material to avoid: Strong acids.

Corrosive action on material: Moderate on soft metals such as aluminum.

## SECTION 9 STORAGE & HANDLING PRECAUTIONS

Storage: Store at temperatures below 120\* F. Do not allow to freeze.

Handling: Wear proper gloves, boots, eye and face protection when handling.

Precautionary labeling: Corrosive.

## SECTION 10 ENVIRONMENTAL INFORMATION

Spill or leak procedures:

Small spill/leak: Neutralize with vinegar or citric acid.

Large spill/leak: Mop up excess. Neutralize with vinegar or citric acid. Collect solution in containers for disposal. Spill reportable quantity: 20,000 pounds or more.

Waste disposal method: Consign to waste facility approved by federal, state, and local regulations.

RCRA or appropriate waste classification: By characteristic.

Procedures for handling empty containers: Triple rinse.

Environmental toxicity data: Biodegradable.

Other regulatory controls:

Is material classified under the CLEAN WATER ACT (USA) or appropriate water regulations as:

Toxic pollutant? No.

Hazardous substance (SECTION 302)? No.

If yes, reportable quantity (R.Q.). N/A.

Is material classified under the CLEAN AIR ACT (USA) or appropriate CLEAN AIR regulations as:

Hazardous air pollutant (SECTION 12)? No.

## SECTION 11 PRODUCT IDENTIFICATION

Indicate country/regulatory agency which specifies requirements: USA-DOT/ IMO

Proper shipping name: COMPOUND, CLEANING, LIQUID (containing Sodium Hydroxide)

Hazard class: 8

Identification number: NA1760

Packing Group: II

Labels required: Product, Corrosive

**PRODUCT NAME: Pro Foam RTU**

**PRODUCT CODE: 01-1-111**

**PREPARED: 1/4/93**

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