

Boston Cleaning Company  
165F New Boston Street  
Woburn, MA 01801  
781-938-6688

**Safety Information**

HEALTH 1  
FIRE 0  
REACTIVITY 0

MATERIAL SAFETY DATA SHEET

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Maintainer Solution

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**SECTION I PRODUCT IDENTIFICATION**

Product Trade Name: Maintainer Solution  
Distributed By: Boston Cleaning Company  
Effective Date: April, 1996  
Chemical Names and Synonyms: n/a (Blended)

**SECTION II HAZARDOUS INGREDIENTS AND MAJOR INGREDIENTS**

Ingredient	Wt%	Exposure Limit/Toxicity
Alkylphenol Ethoxylate (CAS# 9016-45-9) kg(oral-rat)	1-5	Not est. LD50:2000-5000mg/
(PA NJ MA SARA) 2-Butoxyethanol LD50: (CAS# 111-76-2) ppm	3-8	25 ppm ACGIH/OSHA TWA(skin) 560-3000 mg/kg (oral-rat) LC50: 500 (inhalation-rat) 4 hours

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**SECTION III PHYSICAL DATA**

Boiling Point: 212 degrees F.  
Vapor Pressure: N.D.  
Vapor Density: Not available  
Solubility: Complete  
Specific Gravity: 1.1  
Percent Volatile by Weight: Not available  
Evaporation Rate (Water=1): Not available  
pH: 8.0

**SECTION IV FIRE and EXPLOSION DATA**

Flash Point: N/D  
Flammable Limits: Not applicable  
Extinguishing Media: CO2, Dry Chemical, Synthetic Foam or Water. Type BC or ABC extinguishers  
Unusual Fire and Explosion Hazards: None  
Special Fire Fighting Procedures: No special fire fighting procedures

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**SECTION V REACTIVITY DATA**

Stability: Stable

Incompatibility: Strong acids and oxidizing agents

Hazardous Decomposition: When exposed to fire: produces normal products of combustion

Hazardous Polymerization: None known

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**SECTION VI HEALTH HAZARD DATA**

Effects of Exposure: Contact with eyes may cause irritation. Prolonged or repeated contact with skin may cause irritation. Dusts, vapors, or mists may irritate respiratory passages. If corrosive, contact may cause chemical burns. If alcohol or other solvents are present above TLV, vapors may cause drowsiness, nausea, loss of motor skills, or disorientation.

Emergency and First Aid Precautions:

Eye Contact: Flush eyes immediately with plenty of water for at least 15 minutes.

Skin Contact: Wash off skin and remove contaminated clothing. Do not reuse contaminated clothing.

Inhalation: If dust, vapors, or mist cause distress, remove to fresh air. Use oxygen or artificial respiration, if needed.

Ingestion: If swallowed, consult a physician immediately.

**IF SYMPTOMS PERSIST, CONSULT A PHYSICIAN**

**SECTION VII PRECAUTIONS FOR HANDLING**

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**SPILL AND LEAK RESPONSE PROCEDURE:**

Contain all spills and leaks to prevent discharge to the environment. Ventilate area. If flammable or combustible, avoid sparks fire and open flames and use non-sparking equipment. If strong acid, carefully neutralize with lime, sodium carbonate or sodium bicarbonate.

Small spill: Soak up with absorbent. Shovel into waste containers. Flush area with water.

Large spill: Recover spilled material for reprocessing or disposal.

Waste Disposal Method: Recover liquid or dispose waste material in accordance with all applicable federal, state and local regulations and laws.

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**SECTION VIII SPECIAL PROTECTION INFORMATION**

**EYE PROTECTION:** Wear goggles or full face shield when handling to avoid contact with face or eyes.

**VENTILATION:** Provide adequate ventilation. Keep hazardous ingredients below their TLV.

**OTHER PROTECTIVE EQUIPMENT:** Use impervious gloves and any other protective equipment to prevent prolonged or repeated contact.

**RESPIRATORY PROTECTION:** If vapors, fumes, or dusts are present use a MSHA or NIOSH approved respirator, a fresh air breathing apparatus, or a self-contained breathing apparatus.

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SPECIAL PRECAUTIONS**

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Handling and Storage: Avoid overheating or freezing. Store in a cool, well-ventilated area. If flammable or combustible, avoid sparks, fires and open flames. Ground equipment when transferring or using material.

**DO NOT TAKE INTERNALLY  
IF INGESTED CALL A PHYSICIAN  
DO NOT INHALE VAPORS, FUMES OR DUSTS  
WASH THOROUGHLY AFTER HANDLING  
SPILLED MATERIAL IS SLIPPERY  
KEEP OUT OF REACH OF CHILDREN**

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**SECTION X REGULATORY INFORMATION**

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

These ingredients from Section II are subject to the following reporting requirements.

PA- The Pennsylvania Hazardous Substance List

NJ- The New Jersey Right To Know Hazardous Substance List

MA- The Massachusetts Hazardous Substance List

SARA- The Superfund Amendments and Reauthorization Act of 1986 Title III, Section 313 and 40 CFR Part 372

**SECTION XI USER'S RESPONSIBILITY**

**Boston Cleaning Company** cannot anticipate all conditions of handling and use of this product. Therefore, **Boston Cleaning Company** accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.

It is the responsibility of the user to provide a safe workplace, using the health and safety information obtained herein as a guide. **Boston Cleaning Company**. will accept no liability for damage or loss incurred from the improper handling and use of this product.

**Prepared by technical support staff  
7/22/96**