

MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **APPLESCENT WASHROOM MAINTAINER**
Product Description: A formulated non-acid washroom maintenance cleaner.

24 Hour Emergency CHEMTREC Number: 800-424-9300
MSDS Number: M00799

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH TWA/STEL</u>	<u>OSHA TWA/STEL</u>
Ethylene Glycol Monobutyl Ether	111-76-2	< 1.0%	20 ppm / NA	25 ppm / NA
Tetrapotassium Pyrophosphate	7320-34-5	< 3.0%	NE / NE	NE / NE
Polyethylene Isodecyl Ether Phosphate	108818-88-8	< 2.0%	NE / NE	NE / NE
Trisodium Phosphate	7601-54-9	< 3.0%	NE / NE	NE / NE
Ethylenediamine Tetraacetic Acid	64-02-8	< 3.0%	NE / NE	NE / NE

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

May be harmful if swallowed. Eye, skin and respiratory irritant.

POTENTIAL HEALTH EFFECTS

Eye Contact: May cause eye irritation.
Skin Contact: May cause skin irritation. Avoid prolonged skin contact. Contains 2-Butoxyethanol which may be absorbed through skin.
Inhalation: May cause irritation of the respiratory tract.
Ingestion: May be harmful if swallowed.
General: May aggravate existing lung and skin conditions. Long term exposure to 2-Butoxyethanol may cause blood cell abnormalities; lung, liver, kidney or nervous system damage.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. If irritation persists, consult a physician.
Skin Contact: Promptly wash with soap and water and rinse thoroughly. Remove contaminated clothing and shoes and launder before reuse. If irritation persists, consult a physician.
Inhalation: Remove to fresh air. Restore breathing if necessary. If irritation persists, consult a physician.
Ingestion: Give two glasses of water. Do not induce vomiting. Never give anything to an unconscious person. Consult a physician immediately.

5. FIRE FIGHTING MEASURES

Flashpoint (Method): None to boiling point (TCC); (COC)
Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA
Flammable Properties: None expected.
Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Halt spill and flush with plenty of water. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal. Avoid discharge to natural waters.

7. HANDLING AND STORAGE

Handling: This product is for industrial use only. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Empty product containers may contain product residue. Avoid contact with skin, eyes and clothing. Do not mix with other chemicals.
Storage: Keep out of reach of children. Keep containers closed when not in use. Store in a well-ventilated area. Avoid temperatures below freezing. Do not store with strong oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation to keep exposure levels below exposure limits.
Personal Protective Equipment: Typically not required.
Respiratory: Typically not required.
Eye: Wear approved safety glasses or goggles with unperforated sideshields.
Skin: Wear chemically impervious gloves for prolonged or repeated contact.
Other: An emergency eyewash station should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear green.	Odor:	Apple
Physical State:	Liquid.	pH:	8.2 +/- 0.02
Boiling Point:	212 - 220°F	Solubility in Water:	Complete.
Specific Gravity (water = 1):	1.042 +/- 0.02	Weight:	8.70 lbs/gal
% Volatile:	> 85% by weight	Melting Point:	NA

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Do not mix with other chemicals.
Incompatibility: Strong oxidizing agents, cationic detergents such as quaternary disinfectants.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, traces of Oxides of Phosphorous and Aliphatic Compounds.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredients at 0.1% or greater that is listed as a human carcinogen.

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Do not reuse empty containers. Flush empty containers thoroughly with water, crush or perforate and discard or give rinsed drums to drum re-conditioner for recycling. Make sure pH is below 12.5. Dispose of in accordance with the Federal, State, and Local Regulations regarding pollution and waste disposal. Avoid discharge to natural waters.

14. TRANSPORT INFORMATION

DOT Shipping Data: Not Hazardous.
Canadian TDG: Not Hazardous.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDSL.
Proposition 65: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.
SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372):

<u>CHEMICAL NAME</u>	<u>CAS #</u>
2-Butoxyethanol (Glycol Ether)	111-76-2
Glycol Ether	NA
Phosphoric Acid	7664-38-2
Trisodium Phosphate	7601-54-9

HMIS Rating: HEALTH = 1 FLAMMABILITY = 0 REACTIVITY = 0 PPE = A

WHMIS Rating: Class D, Division 2B

16. OTHER INFORMATION

NA = Not Available or Not Applicable
NE = Not Established

Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

Completed On: September 2000

Replaces: August 1996

Completed By: Regulatory Affairs