

923318-09

MATERIAL SAFETY DATA SHEET: USA

Emergency Telephone Number: (ChemTrec) 800-424-9300

Phyton Corporation
5608 International Parkway
New Hope, MN 55428

Product Information: 1-800-356-8733
Issue Date: July 2, 2003

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1.0 IDENTIFICATION/

1.1 Product Name: Xeroton-3

1.2 Product Type: Active Oxygen Sanitizer – EPA No 1677-158

1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity 1

Substances Subject to SARA 313 Reporting Are Indicated by “#”

2.0 HAZARDOUS COMPONENTS/

			(in mg/m3)	
	CAS No.	%	PEL	TWA
2.1 Acetic Acid	94-19-7	24	25	25
			*ACGIH STEL = 37	
2.2 Hydrogen peroxide	7722-84-1	6.9	1.4	1.4
2.3 # Peroxyacetic acid	79-21-0	4.4	No	No
2.4 Octanoic acid	124-07-2	3.3	No	No

STEL = ACGIH short term exp. Limite (15 min) PEL = OSHA 8 hr ave in air
TWA = ACGIH 8 hr average C= ceiling limit in air, do not exceed

3.0 PHYSICAL DATA/

- 3.1 Appearance: Clear colorless liqueid; sharp pungent vinegar odor
- 3.2 Solubility in Water: Mixes with water in all proportions
- 3.3 pH: <1 (at 100%); 2.5 (at 1%)
- 3.4 Initial Boiling Point: > 212 deg F/ 100 deg C
- 3.5 Specific Gravity: 1.082 @ 68 deg F/ 20 deg C

4.0 FIRE AND EXPLOSION DATA

- 4.1 Special Fire Hazards: Decomposition of product releases oxygen, which may intensify fire. See Section 5. Strong oxidizing agent.
 - 4.2 Fire Fighting Methods: Does not support combustion. Flood fire-exposed containers to cool them.
 - 4.3 Flash Point: Product does not flash to 220 deg F/ 104 deg C (CC)
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5.0 REACTIVITY DATA

- 5.1 Stability: Heat or contaminants can cause decomposition of product. Store in a cool dry area. Keep from freezing.
 - 5.2 Conditions to Avoid: Avoid excessive heat, contact with iron, copper, or any organic materials. Do not mix with chlorinated materials, will cause harmful vapors. Mix only with water per label.
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6.0 SPILL OR LEAK PROCEDURES/ WEAR PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue or small spills to sanitary sewer.
 - 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal. Unused product is RCRA Corrosive (D002)
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7.0 HEALTH HAZARD DATA/ DANGER

- 7.1 Effects of Overexposure to Concentrate:
 - Eyes: Corrosive. Causes irreversible eye damage.
 - Skin: Corrosive. Causes skin burns. May be fatal if absorbed through skin.
 - If Swallowed: May be harmful or fatal if swallowed.
 - If Inhaled: Inhalation of concentrated vapors will irritate airways.
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8.0 FIRST AID/

- Call a poison control center or doctor for treatment advice.
- 8.1 Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first five minutes, then continue rinsing eye.
 - 8.2 Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Wash clothing before reuse.
 - 8.3 If Swallowed: Rinse mouth at once. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by the poison control center or doctor. DO NOT give anything by mouth to an unconscious person.
 - 8.4 If Inhaled: Immediately move to fresh air.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026
 A POISON CONTROL CENTER, OR A PHYSICIAN

9.0 PROTECTIVE MEASURES/

- 9.1 FOR CONCENTRATE:
 - Eyes: Wear protective eyewear (goggles, face shield, or safety glasses).
 - Skin: Wear protective clothing and rubber gloves to prevent skin contact.
 - Respiratory: Avoid breathing mists or vapors of this product. When spraying or fogging, wear a mask or pesticide respirator jointly approved by Mine Safety and Health Administration and the National Institute for Occupational Safety and Health.
 - Note: Provide access to emergency eye wash and shower.
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10.0 ADDITIONAL INFORMATION/

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulation change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.