

MATERIAL SAFETY DATA SHEET

<p>OSHA-Meets 29 CFR 1910.1200 Standards</p> <p>Whiting Systems, Inc.</p> <p>Automated Vehicle Wash Systems Industrial Power Wash Systems</p> <p style="text-align: center;">Est. 1974</p>	<p style="text-align: center;">HMIS HAZARD RATINGS</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">HEALTH</td> <td style="width: 33%;">2</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 33%;">3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> <td>1 = SLIGHT</td> <td>4 = EXTREME</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2 = MODERATE</td> <td></td> </tr> </table> <p style="text-align: center;">TRANSPORTATION INFORMATION</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>PROPER SHIPPING NAME</td> <td colspan="3">Phosphoric acid mixture</td> </tr> <tr> <td>HAZARD CLASS/PKG GRP</td> <td>8 / III</td> <td>REF:</td> <td>49 CFR 173.154, .203, .241</td> </tr> <tr> <td>IDENTIFICATION NUMBER</td> <td>UN 1805</td> <td>LABEL:</td> <td>CORROSIVE</td> </tr> </table>	HEALTH	2	0 = INSIGNIFICANT	3 = HIGH	FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME	REACTIVITY	0	2 = MODERATE		PROPER SHIPPING NAME	Phosphoric acid mixture			HAZARD CLASS/PKG GRP	8 / III	REF:	49 CFR 173.154, .203, .241	IDENTIFICATION NUMBER	UN 1805	LABEL:	CORROSIVE
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SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) SmartWash ® Phosphotizer	Page 1 of 2
MANUFACTURER'S NAME Whiting Systems, Inc.	EMERGENCY TELEPHONE NUMBER INFOTRAC (800) 535-5053
ADDRESS 9000 Highway 5 North	TELEPHONE NUMBER FOR INFORMATION (800) 542-9031
CITY, STATE, ZIP CODE Alexander, AR 72002	DATE PREPARED: November 29, 2004 SUPERSEDES: New

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS <small>SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)</small>	CAS #	% <small>(OPTIONAL)</small>	OSHA PEL		ACGIH TWA		SARA	RQ
			PPM	MG/M3	PPM	MG/M3	TITLE III	LBS
Phosphoric acid (a)	7664-38-2	15 - 40		1		1		5000
Ethylene glycol monobutyl ether (b,c)	111-76-2	7 - 13	50		20		Yes	

- (a) The comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture > 24,000 lbs.) or greater amounts, according to 40 CFR 302.
- (b) A "Yes" in the SARA TITLE III column in Section 2 indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.
- (c) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: Corrosive and irritating to upper respiratory tract.	Remove affected person to fresh air; if breathing has not returned to normal within a few minutes after exposure, get medical attention.
SKIN: Corrosive and irritating; chemical burns may result from contact.	Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.
EYES: Corrosive; Causes immediate severe irritation of the eye and eyelids. If not quickly removed by thorough irrigation with water, there may be prolonged or permanent visual impairment or total loss of sight	Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.
INGESTION: Corrosive to the mucous lining of the mouth, throat, esophagus and stomach	Drink two glasses of water followed by milk, milk of magnesia or other nonalcoholic liquids; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention immediately.
CARCINOGENICITY	NPT? No IARC MONOGRAPHS? No OSHA REGULATED? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

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IDENTITY (AS USED ON LABEL AND LIST) SmartWash® Phosphotizer		PAGE 2 of 2	Date: November 29, 2004
SECTION 4 - FIRE FIGHTING MEASURES			
FLASH POINT Non-flammable	NFPA RATING None	FLAMMABLE LIMITS LEL: Not applicable UEL: Not applicable	
EXTINGUISHING MEDIA Carbon dioxide, water, water fog, dry chemical, chemical foam.			
SPECIAL FIRE FIGHTING PROCEDURES Keep containers cool with water spray to prevent container rupture due to steam buildup; CAUTION - material is corrosive.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Contact with B:C extinguisher powder may produce large amounts of carbon dioxide.			
SECTION 5 - ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CAUTION - CORROSIVE. Wash small spills to sanitary sewer. Confine large spill, soak up with approved absorbent, shovel product into approved container; for spills in excess of allowable limits (RQ) notify the National Response Center (800) 424 - 8802; refer to SARA Title III, Section 313 40 CFR 372, and CERCLA 40 CFR 302 for detailed instructions concerning reporting requirements.			
SECTION 6 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Separate from oxidizing materials, metallic powders and other easily oxidized organic materials and reducing agents. CAUTION - material is corrosive. Keep this and other chemicals out of reach of children.			
SECTION 7- EXPOSURE CONTROLS / PERSONAL PROTECTION			
RESPIRATORY PROTECTION (SPECIFY TYPE) None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.			
VENTILATION LOCAL EXHAUST: Required MECHANICAL (GENERAL): Yes	SPECIAL: To maintain minimum TWA and STEL levels. OTHER: Engineering and work controls as required.		
PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs.		EYE PROTECTION: Chemical safety goggles.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Coveralls, apron, or other equipment should be worn to prevent skin contact, safety eyewash station nearby.			
WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.			
SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES			
BOLING POINT: 212° F	SPECIFIC GRAVITY (WATER = 1) 1.131	pH 1.0 - 1.5	SOLUBILITY IN WATER Complete
VAPOR PRESSURE (MM Hg) 17 mm Hg @ 20 ° C	VAPOR DENSITY (AIR = 1) > 1	EVAPORATION RATE (WATER = 1) < 1	% VOLATILE (BY WEIGHT) 74.30%
APPEARANCE AND ODOR Clear liquid, characteristic acidic odor			
SECTION 9 - STABILITY AND REACTIVITY			
STABILITY UNSTABLE: STABLE: XXX		CONDITIONS TO AVOID: Extreme temperatures.	
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids, strong alkalis.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.			
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX		CONDITIONS TO AVOID: None	
SECTION 10 - DISPOSAL CONSIDERATIONS			
WASWASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. Refer to "40 CFR Protection of Environment Parts 260 -299" for complete waste disposal regulations for corrosive materials. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals.			
The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Whiting Systems, Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. Whiting Systems, Inc. knows of no medical condition, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.			