

MATERIAL SAFETY DATA SHEET

<p style="text-align: center;">OSHA-Meets 29 CFR 1910.1200 Standards</p> <p style="font-size: 1.2em; font-weight: bold;">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%; text-align: center;">1</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 33%;">3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> <td>1 = SLIGHT</td> <td>4 = EXTREME</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">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">Not regulated</td> </tr> <tr> <td>HAZARD CLASS/PKG GRP</td> <td colspan="3">Not regulated</td> </tr> <tr> <td>IDENTIFICATION NUMBER</td> <td>N/A</td> <td>REF:</td> <td>N/A</td> </tr> <tr> <td></td> <td></td> <td>LABEL:</td> <td>N/A</td> </tr> </table>	HEALTH	1	0 = INSIGNIFICANT	3 = HIGH	FLAMMABILITY	0	1 = SLIGHT	4 = EXTREME	REACTIVITY	0	2 = MODERATE		PROPER SHIPPING NAME	Not regulated			HAZARD CLASS/PKG GRP	Not regulated			IDENTIFICATION NUMBER	N/A	REF:	N/A			LABEL:	N/A
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SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) <i>SmartWash® FORMULA 101</i>	Page 1 of 2
MANUFACTURER'S NAME <i>Whiting Systems, Inc.</i>	EMERGENCY TELEPHONE NUMBER <i>INFOTRAC (800) 535-5053</i>
ADDRESS <i>9000 Highway 5 North</i>	TELEPHONE NUMBER FOR INFORMATION <i>(800) 542-9031</i>
CITY, STATE, ZIP CODE <i>Alexander, AR 72002</i>	DATE PREPARED: <i>November 22, 2004</i> SUPERSEDES: <i>February 25, 1999</i>

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)	CAS #	% (OPTIONAL)	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Sodium metasilicate, pentahydrate (a)	10213-79-3	1 - 5		6				
Sodium phosphate, tribasic (STPP) (a)	7758-29-4	3 - 7		not established				5000
Sodium phosphate, tribasic (TSP) (a)	7601-54-9	1 - 5		not established				5000

(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.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: Breathing concentrated vapors may cause irritation of respiratory tract.	Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.
SKIN: Prolonged contact may cause irritation.	Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.
EYES: Contact with eyes will cause irritation.	Check for and remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention
INGESTION: May cause gastric distress, vomiting and diarrhea.	Drink large quantities of water or milk; DO NOT induce vomiting; never give anything by mouth to an unconscious person; seek medical attention
Not primary route of exposure	Drink large amounts of water, Contact Physician

There is no known chronic effects of exposure

SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT Non-flammable	NFPA RATING None	FLAMMABLE LIMITS LEL: N/A UEL: N/A
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; floor will become slippery if material is released. Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.		
UNUSUAL FIRE AND EXPLOSION HAZARDS None		

SECTION 5 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes. Wash small spills to sanitary sewer. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. This is a regulated product, refer to 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. 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.

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IDENTITY (AS USED ON LABEL AND LIST) SmartWash® FORMULA 101			PAGE 2 of 2 Date: November 22, 2004
VENTILATION	Adequate	LOCAL EXHAUST: Required	SPECIAL: To maintain minimum TWA and STEL levels.
	MECHANICAL (GENERAL): Yes		OTHER: Eyewash and Safety Shower
PROTECTIVE GLOVES: Neoprene, butyl or nitrile rubber gloves with cuffs.		EYE PROTECTION: Chemical safety goggles.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A			
WORK / HYGIENIC PRACTICES: Always Wash Hands after handling any chemical			
SECTION 8 - PHYSICAL / CHEMICAL PROPERTIES			
BOILING POINT:	SPECIFIC GRAVITY (WATER = 1)	pH	SOLUBILITY IN WATER
212° F	1.062	13.0 - 13.2	100%
VAPOR PRESSURE (MM Hg)	VAPOR DENSITY (AIR = 1)	EVAPORATION RATE (WATER = 1)	% VOLATILE (BY WEIGHT)
17 mm Hg @ 20 ° C	> 1	< 1	90%
APPEARANCE AND ODOR			
Brilliant Blue/None			
SECTION 9 - STABILITY AND REACTIVITY			
STABILITY		CONDITIONS TO AVOID:	
UNSTABLE:	STABLE: XXX	Extreme temperatures.	
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.			
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID: None	
MAY OCCUR:	WILL NOT OCCUR: XXX		
SECTION 10 - DISPOSAL CONSIDERATIONS			
WASTE 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 alkaline 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.			