



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BUCKEYE STRAIGHT-UP CODE: 5005	PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable
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PRODUCT USE pH Neutral Cleaner, Water Based
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MANUFACTURER'S NAME BUCKEYE INTERNATIONAL, INC.	SUPPLIER'S NAME
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STREET ADDRESS 2700 WAGNER PLACE	STREET ADDRESS
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CITY MARYLAND HEIGHTS	PROVINCE MISSOURI, U.S.A.	CITY	PROVINCE
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POSTAL CODE 63043-3471	MEDICAL EMERGENCY TELEPHONE NUMBER 1-800-303-0441	POSTAL CODE	EMERGENCY TELEPHONE NO.
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TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053
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SECTION 2 - INGREDIENTS

INGREDIENTS	% wgt/wgt	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Water	60-100	7732-18-5	Not Available	Not Available
Nonylphenoxyethoxyethanol	1-5	68412-54-4	Rat Oral 2.6 g/kg	Not Available
Nonylphenoxyethoxyethanol	1-5	9016-45-9	Rat Oral 3 g/kg	>200 mg/L Rat
Sodium Borate	1-5	1303-96-4	Rat Oral >4.5 g/kg	>2.0 mg/L Rat

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Floral, Clear Red Solution
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VAPOUR PRESSURE (mmHG) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE (Water =1) 1.0	BOILING POINT (°C) 100°	FREEZING POINT (°C) 0°
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pH (CONC.) 7.0 ± 0.2	pH (USE DILUTION) 1:64 7.2 ± 0.2	SPECIFIC GRAVITY 1.03 ± 0.01	COEFF. WATER/OIL DIST. Not Available	ODOUR THRESHOLD (ppm) Not Available
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SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? No
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MEANS OF EXTINCTION Not Applicable

FLASHPOINT (°C) AND METHOD Tag Closed Cup-None!	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable
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HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon.
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EXPLOSION DATA	SENSITIVITY TO IMPACT Not Applicable	SENSITIVITY TO STATIC DISCHARGE Not Applicable
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SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY Yes	IF NO, UNDER WHICH CONDITIONS?
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INCOMPATIBILITY WITH OTHER SUBSTANCES? Yes	IF SO, WHICH ONES? Do not mix with chlorine bleach.
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REACTIVITY, AND UNDER WHAT CONDITIONS None Known

HAZARDOUS DECOMPOSITION PRODUCTS None Known
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PRODUCT IDENTIFIER					
BUCKEYE STRAIGHT-UP CODE 5005					
SECTION 6 - TOXICOLOGICAL PROPERTIES					
ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	No	Yes	No	No
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Slight eye irritant . Not irritating to skin. Not toxic by ingestion. Oral feeding of rats resulted in no deaths at 5010 mg/kg.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
None Known					
EXPOSURE LIMITS	IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT		CARCINOGENICITY
Not Available	Skin score (0.0) Draize score 5.1 for Eyes		None Known		No
TERATOGENICITY	REPRODUCTIVE TOXICITY		MUTAGENICITY		SYNERGISTIC PRODUCTS
No	No		No		None Known
SECTION 7 - PREVENTIVE MEASURES					
PERSONAL PROTECTIVE EQUIPMENT					
GLOVES (SPECIFY) Rubber gloves or other chemical resistant gloves. Needed for clean up of spill or for prolonged skin contact.		RESPIRATOR (SPECIFY)		EYE (SPECIFY) When eye contact may occur, wear safety glasses or chemical splash goggles.	
		None Required			
FOOTWEAR (SPECIFY)		CLOTHING (SPECIFY)		OTHER (SPECIFY)	
Normal Footwear		Normal Clothing		None under normal use.	
ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)					
Normal room ventilation.					
LEAK AND SPILL PROCEDURE					
Pick up with mop, wet/dry vac or absorbent material. Rinse area with clear water and allow floor to dry before allowing traffic.					
WASTE DISPOSAL					
Flush to sanitary sewer or send to sanitary landfill following local, provincial and federal laws.					
HANDLING PROCEDURES AND EQUIPMENT					
Follow good personal hygiene practices.					
STORAGE REQUIREMENTS					
KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use. Store at room temperature.					
SPECIAL SHIPPING INFORMATION					
Compound, Cleaning Liquid.					
SECTION 8 - FIRST AID MEASURES					
SPECIFIC MEASURES					
For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.					
For Skin: Flush with water for 15 minutes. If irritation occurs and persists, see physician.					
For Ingestion: Call for medical advice immediately. DO NOT induce vomiting. Do not give anything by mouth unless directed to do so by a medical professional.					
This product is regulated under WHMIS. (D.2.B)					
			<u>RATING</u>		
			4 = EXTREME		
			3 = SERIOUS		
			2 = MODERATE		
			1 = SLIGHT		
			0 = MINIMAL		
HAZARD	NFPA	HMIS			
HEALTH	1	1			
FIRE	0	0			
REACTIVITY	0	0			
SECTION 9 - PREPARATION DATE OF MSDS					
PREPARED BY (GROUP, DEPARTMENT, ETC.)			PHONE NUMBER		DATE
SCOTT MAAG - DIRECTOR OF RESEARCH			(314) 291-1900		3/1/2006