



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BUCKEYE STRAIGHT-UP -NO PERFUME ADDED CODE: 5003		PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable	
PRODUCT USE pH Neutral Cleaner, Water Based			
MANUFACTURER'S NAME BUCKEYE INTERNATIONAL, INC.		SUPPLIER'S NAME	
STREET ADDRESS 2700 WAGNER PLACE		STREET ADDRESS	
CITY MARYLAND HEIGHTS	PROVINCE MISSOURI, U.S.A.	CITY	PROVINCE
POSTAL CODE 63043-3471	MEDICAL EMERGENCY TELEPHONE NUMBER 1-800-303-0441	POSTAL CODE	EMERGENCY TELEPHONE NO.
TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053			

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
Sodium Borate	1-5	1303-96-4	Rat Oral 4.5 g/kg	2.0 mg/L Rat
Alcohol Ethoxylate	1-5	68551-12-2	Rat Oral 2.14 g/kg	Not Available

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Mild- No Perfume Added - Clear Red Solution			
VAPOUR PRESSURE (mmHG) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE (Water=1) 1.0	BOILING POINT (°C) 100°C	FREEZING POINT (C) 0°C
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

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY No	IF YES, UNDER WHICH CONDITIONS?			
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	
HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon.				
EXPLOSION DATA	SENSITIVITY TO IMPACT Not Applicable		SENSITIVITY TO STATIC DISCHARGE Not Applicable	

SECTION 5 - REACTIVITY DATA

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

PRODUCT IDENTIFIER
BUCKEYE STRAIGHT-UP - NO PERFUME ADDED CODE: 5003

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 Not Available	IRRITANCY OF PRODUCT Skin Score (0.0) Draize score (5.1) for Eyes	SENSITIZATION TO PRODUCT None Known	CARCINOGENICITY No
TERATOGENICITY No	REPRODUCTIVE TOXICITY No	MUTAGENICITY No	SYNERGISTIC PROD 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) None required	EYE (SPECIFY) When eye contact may occur, wear safety glasses or chemical splash goggles.
FOOTWEAR (SPECIFY) Normal footwear	CLOTHING (SPECIFY) Normal clothing	OTHER (SPECIFY) 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!
 Store at room temperature. Keep container closed when not in use.

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)

RATING
 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.) SCOTT MAAG - DIRECTOR OF RESEARCH	PHONE NUMBER (314) 291-1900	DATE 3/1/2006
--	--------------------------------	------------------