



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BUCKEYE GEL SCRUB		CODE: 5220		PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable	
PRODUCT USE Foaming Acid 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)
Phosphoric Acid	12.0	7664-38-2	Rat Oral 1.5 g/kg	Not Available
Soft Water	60-100	7732-18-5	Not Available	Not Available
Octyl Dimethyl Amine Oxide	1-5	2605-78-9	Not Available	Not Available

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid		ODOUR AND APPEARANCE Sassafras Fragrance; Clear Solution		
VAPOUR PRESSURE (mmHG) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE (Water =1) 1	BOILING POINT (°C) 100°	FREEZING POINT (°C) 0°
pH (CONC.) 1.0 ± 0.2	pH (USE DILUTION) 1.9 ± 0.2 1:10 (pH 7 DI water)	SPECIFIC GRAVITY 1.06 ± 0.01	COEFF. WATER/OIL DIST. Not Available	ODOUR THRESHOLD (ppm) Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? No		
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, phosphorus, sulfur and nitrogen.		
EXPLOSION DATA	SENSITIVITY TO IMPACT Not Applicable	SENSITIVITY TO STATIC DISCHARGE Not Applicable

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS? Yes	
INCOMPATIBILITY WITH OTHER SUBSTANCES? Yes	IF SO, WHICH ONES? Do not mix with chlorine bleach,caustics or alkali. Avoid contact with ferrous metals and Formica®.
REACTIVITY, AND UNDER WHAT CONDITIONS None Known	
HAZARDOUS DECOMPOSITION PRODUCTS None Known	

PRODUCT IDENTIFIER					
BUCKEYE GEL SCRUB			CODE: 5220		
SECTION 6 - TOXICOLOGICAL PROPERTIES					
ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	No	Yes	Yes	No
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Severe eye irritant. Moderate skin irritant. Not toxic by ingestion. Inhalation of mist may cause respiratory irritation.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
None Known					
EXPOSURE LIMITS		IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT	
Not Available		Severe eye and moderate skin irritant. Mist may cause respiratory irritation.		Not Available	
TERATOGENICITY		REPRODUCTIVE TOXICITY		MUTAGENICITY	
No		No		No	
SYNERGISTIC PRODUCTS					
None Known					
SECTION 7 - PREVENTIVE MEASURES					
PERSONAL PROTECTIVE EQUIPMENT					
GLOVES (SPECIFY)		RESPIRATOR (SPECIFY)		EYE (SPECIFY)	
Rubber gloves or other chemical resistant gloves.		Avoid breathing spray mist.		Wear safety glasses or chemical splash goggles.	
FOOTWEAR (SPECIFY)		CLOTHING (SPECIFY)		OTHER (SPECIFY)	
Footwear that keeps feet dry is suggested.		Normal clothing which covers skin.		None Required	
ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)					
Maintain adequate room ventilation.					
LEAK AND SPILL PROCEDURE		Dilute with large amount of water. Pick up with mops into a plastic bucket. Wash area with an alkaline detergent, followed by a clear water rinse. 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					
Wash thoroughly with soap and water after handling.					
STORAGE REQUIREMENTS		KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use. Store away from caustics and strong alkali. Store at room temperature. Store on low shelves. Rinse container before discarding.			
SPECIAL SHIPPING INFORMATION		UN 1760, Corrosive Liquids, n.o.s., (contains Phosphoric Acid), 8, PG III			
SECTION 8 - FIRST AID MEASURES					
SPECIFIC MEASURES					
For Eyes: Flush with cool water for 15 minutes. See physician.					
For Skin: Flush with cool 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.					
For Inhalation: Remove person to fresh air.					
This product is regulated under WHMIS. (D.2.B.)				<u>RATING</u>	
HAZARD		NFPA		4 = EXTREME	
				3 = SERIOUS	
				2 = MODERATE	
				1 = SLIGHT	
				0 = MINIMAL	
HEALTH		2			
FIRE		0			
REACTIVITY		0			
SECTION 9 - PREPARATION DATE OF MSDS					
PREPARED BY (GROUP, DEPARTMENT, ETC.)			PHONE NUMBER		DATE
SCOTT MAAG - VICE PRESIDENT OF OPERATIONS			(314) 291-1900		February 15, 2015