



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER <b>BUCKEYE GEL SCRUB</b>		CODE: 5220		PRODUCT IDENTIFICATION NUMBER (PIN) <b>UN 1760</b>	
PRODUCT USE <b>Foaming Acid Cleaner, Water Based</b>					
MANUFACTURER'S NAME <b>BUCKEYE INTERNATIONAL, INC.</b>			SUPPLIER'S NAME		
STREET ADDRESS <b>2700 WAGNER PLACE</b>			STREET ADDRESS		
CITY <b>MARYLAND HEIGHTS</b>		PROVINCE <b>MISSOURI, U.S.A.</b>		CITY	
POSTAL CODE <b>63043-3471</b>		MEDICAL EMERGENCY TELEPHONE NUMBER <b>1-800-303-0441</b>		EMERGENCY TELEPHONE NO.	
TRANSPORTATION EMERGENCY TELEPHONE NUMBER <b>1-800-535-5053</b>					

## SECTION 2 - INGREDIENTS

INGREDIENTS	% wgt/wgt	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> 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 <b>Liquid</b>	ODOUR AND APPEARANCE <b>Sassafras Fragrance; Clear Solution</b>			
VAPOUR PRESSURE (mmHG) <b>Not Available</b>	VAPOUR DENSITY (Air=1) <b>Not Available</b>	EVAPORATION RATE (Water =1) <b>1</b>	BOILING POINT (°C) <b>100°</b>	FREEZING POINT (°C) <b>0°</b>
pH (CONC.) <b>1.0 ± 0.2</b>	pH (USE DILUTION) <b>1.9 ± 0.2</b> 1:10 (pH 7 DI water)	SPECIFIC GRAVITY <b>1.06</b>	COEFF. WATER/OIL DIST. <b>Not Available</b>	ODOUR THRESHOLD (ppm) <b>Not Available</b>

## SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY <b>No</b>	IF YES, UNDER WHICH CONDITIONS?			
MEANS OF EXTINCTION <b>Not Applicable</b>				
FLASHPOINT (°C) AND METHOD <b>Tag Closed Cup-None!</b>	UPPER FLAMMABLE LIMIT (% BY VOLUME) <b>Not Applicable</b>		LOWER FLAMMABLE LIMIT (% BY VOLUME) <b>Not Applicable</b>	
HAZARDOUS COMBUSTION PRODUCTS <b>Oxides of carbon, phosphorus, sulfur and nitrogen.</b>				
EXPLOSION DATA	SENSITIVITY TO IMPACT <b>Not Applicable</b>		SENSITIVITY TO STATIC DISCHARGE <b>Not Applicable</b>	

## SECTION 5 - REACTIVITY DATA

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

PRODUCT IDENTIFIER					
BUCKEYE GEL SCRUB			CODE: 5220		
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>					
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		CARCINOGENICITY
Not Available	Severe eye and moderate skin irritant. Mist may cause respiratory irritation.		Not Available		No
TERATOGENICITY	REPRODUCTIVE TOXICITY		MUTAGENICITY		SYNERGISTIC PRODUCTS
No	No		No		None Known
<b>SECTION 7 - PREVENTIVE MEASURES</b>					
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		<b>KEEP OUT OF REACH OF CHILDREN!</b> 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		Corrosive Liquids, n.o.s., (contains Phosphoric Acid), 8, UN 1760, PG III			
<b>SECTION 8 - FIRST AID MEASURES</b>					
SPECIFIC MEASURES					
For Eyes: Flush with cool water for 15 minutes. See physician.					
For Skin: Wash with soap and water. 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.)				<b><u>RATING</u></b>	
				4 = EXTREME	
				3 = SERIOUS	
				2 = MODERATE	
				1 = SLIGHT	
				0 = MINIMAL	
<b>HAZARD</b>	<b>NFPA</b>	<b>HMIS</b>			
HEALTH	2	2			
FIRE	0	0			
REACTIVITY	0	0			
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>					
PREPARED BY (GROUP, DEPARTMENT, ETC.)			PHONE NUMBER		DATE
SCOTT MAAG - VICE PRESIDENT OF OPERATIONS			(314) 291-1900		March 1, 2012