



# MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE				
PRODUCT IDENTIFIER <b>BUCKEYE SANICARE LEMON QUAT</b>			PRODUCT IDENTIFICATION NUMBER (PIN) <b>CODE: 5076</b> Not Applicable	
PRODUCT USE <b>Cleaner Disinfectant, 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	PROVINCE	
POSTAL CODE <b>63043-3471</b>	MEDICAL EMERGENCY TELEPHONE NUMBER <b>1-800-303-0441</b>	POSTAL CODE	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)
Blend of Didecyl Dimethyl and n-Alkyl Dimethyl Benzyl Ammonium Chlorides	3.85	7173-51-5	Rat Oral 590 mg/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>Lemon, Clear Yellow Solution</b>			
VAPOUR PRESSURE (mmHG) <b>Not Available</b>	VAPOUR DENSITY (Air=1) <b>Not Available</b>	EVAPORATION RATE <b>(Water =1) 1</b>	BOILING POINT (°C) <b>100°</b>	FREEZING POINT (°C) <b>0°</b>
pH (CONC.) <b>7.6 ± 0.2</b>	pH (USE DILUTION) 1:64 <b>7.1 ± 0.2</b>	SPECIFIC GRAVITY <b>1.00</b>	COEFF. WATER/OIL DIST. <b>Not Available</b>	ODOUR THRESHOLD (ppm) <b>Not Available</b>
SECTION 4 - FIRE AND EXPLOSION DATA				
FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? <b>No</b>				
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 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 IF NO, UNDER WHICH CONDITIONS? <b>Yes</b>				
INCOMPATIBILITY WITH OTHER SUBSTANCES? <b>Yes</b>		IF SO, WHICH ONES? <b>Do not mix with chlorine bleach or anionic detergents.</b>		
REACTIVITY, AND UNDER WHAT CONDITIONS <b>None Known</b>				
HAZARDOUS DECOMPOSITION PRODUCTS <b>None Known</b>				

PRODUCT IDENTIFIER					
BUCKEYE SANICARE LEMON QUAT CODE 5076					
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>					
ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	No	Yes	No	Yes
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Corrosive - Causes eye and skin damage. Harmful if swallowed. Do not get on skin, in eyes or on clothing.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
None Known					
EXPOSURE LIMITS	IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT		CARCINOGENICITY
Not Available	Corrosive		No		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.		None normally required. Avoid breathing spray mist.		Wear safety glasses or chemical splash goggles.	
FOOTWEAR (SPECIFY)		CLOTHING (SPECIFY)		OTHER (SPECIFY)	
Normal Footwear		Normal Clothing		None Required	
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					
Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.					
STORAGE REQUIREMENTS					
<b>KEEP OUT OF REACH OF CHILDREN!</b> Store at room temperature. Keep container closed when not in use. Rinse container before discarding.					
SPECIAL SHIPPING INFORMATION					
Disinfectant, Liquid, NOIBN					
<b>SECTION 8 - FIRST AID MEASURES</b>					
SPECIFIC MEASURES					
Call a poison control center or doctor immediately for treatment advice. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Take container, label or product name and registration number with you when seeking medical attention.					
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed					
This product is exempt under WHMIS (DIN 01962051).				<b>RATING</b>	
				4 = EXTREME	
				3 = SERIOUS	
				2 = MODERATE	
				1 = SLIGHT	
				0 = MINIMAL	
<b>HAZARD</b>	<b>NFPA</b>	<b>HMIS</b>			
HEALTH	3	3			
FIRE	0	0			
REACTIVITY	0	0			
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>					
PREPARED BY (GROUP, DEPARTMENT, ETC.)			PHONE NUMBER		DATE
SCOTT MAAG - DIRECTOR OF RESEARCH			(314) 291-1900		3/1/2006