



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BUCKEYE SANICARE QUAT 256 CODE: 5090		PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable	
PRODUCT USE Cleaner Disinfectant, 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)
Blend of Didecyl Dimethyl and n-Alkyl Dimethyl Benzyl Ammonium Chlorides	16.9	7173-51-5 68424-85-1	Rat Oral 590 mg/kg	Not Available
Soft Water	40-70	7732-18-5	Not Available	Not Available
Octyl Dimethyl Amine Oxide	5-10	2605-78-9	Not Available	Not Available
Tetrasodium Ethylenediamine- tetraacetate	1-5	64-02-8	Rat Oral 4.1 g/kg	Not Available
Ethanol	1-5	64-17-5	Rat Oral 7060 mg/kg	38mg/L/10hr Rat

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Rose Fragrance; Clear, Red 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.) 7.6 ± 0.2	pH (USE DILUTION) 7.0 ± 0.2 1:256 (pH 7 DI water)	SPECIFIC GRAVITY 1.00 ± 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 Water, Dry Powder, Foam				
FLASHPOINT (°C) AND METHOD ~ 93° - Tag Closed Cup	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable		
HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon and nitrogen, hydrogen chlorine gas				
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 or anionic detergents.	Strong oxidizing or reducing agents.		
REACTIVITY, AND UNDER WHAT CONDITIONS None Known				
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition can lead to release of irritating vapors or gases.				

PRODUCT IDENTIFIER
BUCKEYE SANICARE QUAT 256 CODE 5090

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	No	Yes	No	Yes

EFFECTS OF ACUTE EXPOSURE TO PRODUCT
Corrosive to eyes and skin. Harmful if swallowed.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT
None Known

EXPOSURE LIMITS Not Available	IRRITANCY OF PRODUCT Corrosive to eyes and skin	SENSITIZATION TO PRODUCT No	CARCINOGENICITY No
TERATOGENICITY No	REPRODUCTIVE TOXICITY No	MUTAGENICITY No	SYNERGISTIC PRODUCTS None Known

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) Rubber gloves or other chemical resistant gloves.	RESPIRATOR (SPECIFY) Avoid breathing spray mist.	EYE (SPECIFY) Wear chemical splash goggles or face shield.
FOOTWEAR (SPECIFY) Normal Footwear	CLOTHING (SPECIFY) Normal clothing which covers skin.	OTHER (SPECIFY) 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
**KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use.
 Store at room temperature. Rinse container before discarding.**

SPECIAL SHIPPING INFORMATION
Disinfectant, Liquid, NOIBN

SECTION 8 - FIRST AID MEASURES

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 01962116).			RATING 4 = EXTREME 3 = SERIOUS 2 = MODERATE 1 = SLIGHT 0 = MINIMAL
HAZARD	NFPA	HMIS	
HEALTH	3	3	
FIRE	1	1	
REACTIVITY	0	0	

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) SCOTT MAAG - VICE PRESIDENT OF OPERATIONS	PHONE NUMBER (314) 291-1900	DATE February 15, 2018
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