






**Buckeye International, Inc.**  
2700 Wagner Place  
Maryland Heights, MO 63043  
314/291-1900

**N. F. P. A.**

4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

 HEALTH	<b>3</b>
 FLAMMABILITY	<b>0</b>
 INSTABILITY	<b>0</b>

## Material Safety Data Sheet

**24 Hour Medical Emergency Telephone Number: 1-800-303-0441. Outside North America call : 651-632-8956.**

**24 Hour Transportation Emergency Telephone Number: 1-800-535-5053. Outside North America call : 352-323-3500.**

<b>SECTION I - IDENTIFICATION</b>				
PRODUCT NAME <b>BUCKEYE SANICARE QUAT-64</b>			DATE PREPARED June 2, 2008	
CHEMICAL FAMILY Cleaner Disinfectant, Water Based			CODE 5082	
PROPER D.O.T. SHIPPING NAME Disinfectant, Liquid, NOIBN				
D.O.T. HAZARD CLASSIFICATION None				
<b>SECTION II - INGREDIENTS AND IDENTITY INFORMATION</b>				
% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
2.37	n-Alkyl Dimethyl Benzyl Ammonium Chloride	NE	NE	68391-01-5
2.37	n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	NE	NE	68956-79-6
>81.26	Soft Water	NE	NE	7732-18-5
<5.0	Nonylphenol Polyethylene Glycol Ether	NE	NE	9016-45-9
<5.0	Sodium Carbonate	NE	NE	497-19-8
<3.0	Tetrasodium Ethylenediaminetetraacetate	NE	NE	64-02-8
<1.0	Perfume, Coloring and Additives less than 1%	NA	NA	NA
ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY				
<b>SECTION III - PHYSICAL DATA</b>				
BOILING POINT °F	212°F	pH (CONC.)		11.7 ± 0.2
SOLUBILITY IN WATER	Infinite	1:64 Dilution (pH 7 DI Water)		10.1 ± 0.2
% VOLATILE BY WEIGHT	94.0	EVAPORATION RATE (Water=1)		1.0
SPECIFIC GRAVITY	1.04	PRODUCT FORM		Liquid
APPEARANCE AND ODOR	Clear Yellow Solution; Lemon Fragrance			
<b>SECTION IV - FIRE AND EXPLOSION DATA</b>				
FLASH POINT(Test Method)	Tag Closed Cup: None	<b>FLAMMABLE LIMITS</b>		
EXTINGUISHING MEDIA	NA	UPPER LIMIT: NA	LOWER LIMIT: NA	
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion. Oxides of carbon and nitrogen.			
<b>SECTION V - REACTIVITY DATA</b>				
STABILITY	Stable			
CONDITIONS TO AVOID	None known.			
INCOMPATIBILITY	Do not mix with chlorine bleach or anionic detergents.			
HAZARDOUS DECOMPOSITION PRODUCTS	None known.			
HAZARDOUS POLYMERIZATION	Will not occur.			

<b>SECTION VI - HEALTH HAZARD DATA</b>			
ROUTE(S) OF ENTRY:	INHALATION? No	SKIN? Yes	INGESTION? Yes
HEALTH HAZARDS (Acute and Chronic)			
Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed.			
CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No			
SIGNS AND SYMPTOMS OF OVEREXPOSURE			
For Eyes: Redness or burning sensation.		For Skin: Redness of skin or a warming sensation.	
For Ingestion: Headache, nausea.			
MEDICAL CONDITIONS			
GENERALLY AGGRAVATED BY EXPOSURE			
Dermatitis.			
EMERGENCY AND FIRST AID PROCEDURES Call a poison control center or doctor immediately for treatment advice.			
For Eyes and Skin: Rinse eyes or skin immediately with plenty of water for at least 15-20 minutes.			
For Ingestion: Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.			
For Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth-to-mouth.			
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.			
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>			
SPILL RESPONSE			
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			
METHOD Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.			
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>			
EYE PROTECTION		VENTILATION	
Wear safety glasses or chemical splash goggles.		Maintain adequate ventilation.	
SKIN PROTECTION	Rubber gloves or other impervious gloves and protective clothing.	RESPIRATORY PROTECTION	None required.
OTHER PROTECTION			
Wash thoroughly with soap and water after handling.			
Remove contaminated clothing and wash before reuse.			
<b>SECTION IX - SPECIAL PRECAUTIONS</b>			
PRECAUTIONS IN HANDLING AND STORAGE		<b>KEEP OUT OF REACH OF CHILDREN!</b>	
		Keep container closed when not in use. Rinse container before discarding.	
		Store at room temperature. Do not contaminate water, food or feed by storage or disposal. This pesticide is toxic to fish.	
OTHER PRECAUTIONS		This product is not regulated under CERCLA or RCRA. If more than 10,000 pounds is stored in a single day, product may require reporting under SARA Title III, Section 311/312 as an immediate health hazard.	
NA = Not Applicable			
NE = Not Established			
<b>PREPARED BY:</b>		Scott Maag, Director of Research	
Disclaimer of Liability			
As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material.			
Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Conforms to OSHA 174, Sept 1985.			