



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	3
	FLAMMABILITY	1
	INSTABILITY	0

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.

SECTION I - IDENTIFICATION

PRODUCT NAME	BUCKEYE SANICARE QUAT-256	DATE PREPARED	December 27, 2011
CHEMICAL FAMILY	Cleaner Disinfectant, Water Based	CODE	5090
PROPER D.O.T.			
SHIPPING NAME	Disinfectant, Liquid, NOIBN		
D.O.T. HAZARD			
CLASSIFICATION	None		

SECTION II - INGREDIENTS AND IDENTITY INFORMATION

% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
16.90	Blend of Didecyl Dimethyl and n-Alkyl	NE	NE	7173-51-5
	Dimethyl Benzyl Ammonium Chloride	NE	NE	68424-85-1
>61.10	Soft Water	NE	NE	7732-18-5
<10.0	Octyl Dimethyl Amine Oxide	NE	NE	2605-78-9
<5.0	Tetrasodium Ethylenediaminetetraacetate	NE	NE	64-02-8
<4.0	Ethanol	1000ppm	1000ppm	64-17-5
<2.0	Sodium Hydroxide	2mg/m ³	2mg/m ³	1310-73-2
<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.

SECTION III - PHYSICAL DATA

BOILING POINT °F	212°F	pH (CONC.)	7.6 ± 0.2
SOLUBILITY IN WATER	Infinite	1:256 Dilution (pH 7 DI Water)	7.0 ± 0.2
% VOLATILE BY WEIGHT	75.5	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.00	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	Clear Red Solution; Rose Fragrance		

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT(Test Method)	~200°F Tag Closed Cup	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	Water, Dry Powder, Foam	UPPER LIMIT: N/A	LOWER LIMIT: N/A
SPECIAL FIRE FIGHTING PROCEDURES	Heating or fire can release toxic gas		
	In the event of fire, wear self-contained breathing apparatus.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion.		
	Oxides of carbon and nitrogen, hydrogen chloride gas.		

SECTION V - REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	None known.
INCOMPATIBILITY	Do not mix with chlorine bleach or anionic detergents Strong oxidizing or reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition can lead to release of irritating vapors or gases.
HAZARDOUS POLYMERIZATION	Will not occur.

SECTION VI - HEALTH HAZARD DATA			
ROUTE(S) OF ENTRY:		INHALATION? Yes	SKIN? Yes
			INGESTION? Yes
HEALTH HAZARDS (Acute and Chronic)			
Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or inhaled.			
CARCINOGENICITY:		NTP? No	IARC MONOGRAPHS? No
			OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE			
For Eyes: Redness or burning sensation. For Inhalation: Headache, irritation of mucous membranes.			
For Skin: Redness of skin or a warming sensation. For Ingestion: Headache, nausea.			
MEDICAL CONDITIONS			
GENERALLY AGGRAVATED BY EXPOSURE			
None known.			
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 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, if possible.			
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.			
SECTION VII - SPILL OR LEAK PROCEDURES			
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		Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.	
METHOD		Incineration is the preferred method for disposal of concentrate or absorbent waste.	
SECTION VIII - SPECIAL PROTECTION INFORMATION			
EYE PROTECTION		VENTILATION	
Wear safety glasses or chemical splash goggles.		Maintain adequate room ventilation.	
SKIN	Rubber gloves or other	RESPIRATORY	
PROTECTION	impervious gloves.	PROTECTION	None required.
OTHER	Clothing which covers skin.		
PROTECTION	Wash thoroughly with soap and water after handling.		
	Remove contaminated clothing and wash before reuse.		
SECTION IX - SPECIAL PRECAUTIONS			
PRECAUTIONS IN HANDLING AND STORAGE		KEEP OUT OF REACH OF CHILDREN!	
		Rinse container before discarding. Store at room temperature.	
		Keep container closed when not in use.	
		Do not contaminate water, food or feed by storage or disposal.	
OTHER PRECAUTIONS		CERCLA reportable quantity 3125 lbs.	
NA = Not Applicable		If more than 10,000 lbs. is stored in a single day, product may require reporting under SARA Title III, Section 311/312 as an immediate health hazard.	
NE = Not Established		Class III B combustible liquid. WARNING: This product contains a chemical known in the state of California to cause cancer, birth defects or other reproductive harm.	
PREPARED BY:		Scott Maag, Vice President of Operations	
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