



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	2
	FIRE	0
	REACTIVITY	0

Material Safety Data Sheet

24 Hour Emergency Telephone Number: 1-800-228-5635 Extension: 076
 Outside North America call: 612-851-8180, ext. 076

SECTION I - IDENTIFICATION

PRODUCT NAME	BUCKEYE SANICARE QUAT-64	DATE PREPARED	July 1, 1999
CHEMICAL FAMILY	Cleaner Disinfectant, Water Based	CODE	5082
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.
2.25	n-Alkyl Dimethyl Benzyl Ammonium Chloride	NE	NE	68391-01-5
2.25	n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	NE	NE	68956-79-6
>81.5	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

SECTION III - PHYSICAL DATA

BOILING POINT °F	212°F	pH (CONC.)	11.7 ±0.2
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION) 1:64	10.2±0.2
% VOLATILE BY WEIGHT	94.0	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.04	PRODUCT FORM	Liquid

APPEARANCE AND ODOR Lemon, Clear Yellow Solution

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (Test Method)	Tag Closed Cup: None	FLAMMABLE LIMITS	
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.		

SECTION V - REACTIVITY DATA

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.

CODE: 5082

SECTION VI - HEALTH HAZARD DATA	
ROUTE(S) OF ENTRY:	INHALATION? No SKIN? Yes INGESTION? Yes
HEALTH HAZARDS (Acute and Chronic)	
Causes severe eye and skin irritation. Harmful if swallowed.	
CARCINOGENICITY:	NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE	
For Skin: Redness of skin or a warming sensation. For Eyes: Redness or burning sensation.	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	
Dermatitis.	
EMERGENCY AND FIRST AID PROCEDURES	
In case of contact, immediately flush eyes or skin with plenty of water. If irritation persists, seek medical attention. For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Call physician. Never give anything by mouth to an unconscious person.	
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	
METHOD	Flush to sanitary sewer, or send to sanitary landfill, following local, state and federal laws.
SECTION VIII - SPECIAL PROTECTION INFORMATION	
EYE PROTECTION	When eye contact may occur, wear safety glasses or chemical splash goggles.
VENTILATION	Normal room ventilation.
SKIN PROTECTION	Rubber gloves or other impervious gloves.*
RESPIRATORY PROTECTION	None required.
OTHER PROTECTION	None required. Follow good personal hygiene practices.
*Needed for clean up of spill or for possible prolonged skin contact.	
SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS IN HANDLING AND STORAGE	KEEP OUT OF REACH OF CHILDREN! Rinse container before discarding. Keep container closed when not in use. Store at room temperature.
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	
PREPARED BY:	Mark Gindling, Director of Research
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