

**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	1
	FIRE	0
	REACTIVITY	0

**Material Safety Data**

24 Hour Emergency Telephone Number: 1-800-228-5635 Extension: 076

<b>SECTION I - IDENTIFICATION</b>				
PRODUCT NAME		DATE PREPARED		
BUCKEYE SANICARE LEMON QUAT		January 1, 1994		
CHEMICAL FAMILY		CODE		
Cleaner Disinfectant, Water Based		5076		
PROPER D.O.T. SHIPPING NAME				
Disinfectant, Liquid, NOIBN				
D.O.T. HAZARD CLASSIFICATION				
None				
<b>SECTION II - INGREDIENTS AND IDENTITY INFORMATION</b>				
% BY WEIGHT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
3.85	Blend of Didecyl Dimethyl and n-Alkyl Dimethyl Benzyl Ammonium Chlorides	NE	NE	8001-54-5, 7173-51-5
>91.15	Soft Water	NE	NE	NE
<4.0	Octyl Dimethyl Amine Oxide	NE	NE	2605-78-9
<1.0	Perfume Coloring and Additives less than 1%	NA	NA	NA
ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES				
<b>SECTION III - PHYSICAL DATA</b>				
BOILING POINT °F	212°F	pH (CONC.)	7.6±0.2	
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION)	1:64	7.0±0.2
% VOLATILE BY WEIGHT	94.0	EVAPORATION RATE (Water=1)	1.0	
SPECIFIC GRAVITY	1.00	LIQUID <input checked="" type="checkbox"/>	POWDER <input type="checkbox"/>	PASTE <input type="checkbox"/> AEROSOL <input type="checkbox"/>
APPEARANCE AND ODOR	Lemon, Clear Yellow Solution			
<b>SECTION IV - FIRE AND EXPLOSION DATA</b>				
FLASH POINT (TEST METHOD)	Tag Closed Cup: None!		FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	NA <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> FOAM <input type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> WATER <input type="checkbox"/> OTHER <input type="checkbox"/>	UPPER	LOWER	
		N/A	N/A	
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 <input checked="" type="checkbox"/> UNSTABLE <input type="checkbox"/>	CONDITIONS TO AVOID	None Known	
INCOMPATIBILITY	Do not mix with Chlorine Bleach or Anionic detergents.			
HAZARDOUS DECOMPOSITION PRODUCTS	None Known			
HAZARDOUS POLYMERIZATION	WILL OCCUR <input type="checkbox"/>	WILL NOT OCCUR <input checked="" type="checkbox"/>		

**SECTION VI - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY:                      INHALATION?   No                      SKIN?   Yes                      INGESTION?   No

HEALTH HAZARDS (*Acute and Chronic*)

Eye irritant.

CARCINOGENICITY:                      NTP?   No                      IARC MONOGRAPHS?                      No                      OSHA REGULATED?                      No

SIGNS AND SYMPTOMS OF EXPOSURE

For Skin: Redness of skin or a warming sensation.

For Eyes: Redness or burning sensation.

MEDICAL CONDITIONS  
GENERALLY AGGRAVATED BY EXPOSURE

Can cause defatting of skin tissue.

EMERGENCY AND FIRST AID PROCEDURES                      For Eyes: Flush with cool water for 15 minutes. If irritation persists, see physician. For Skin: Flush with water for 15 minutes. If irritation persists, see physician.

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

Dilute with water and 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,                      VENTILATION                      Normal room ventilation.

wear safety glasses or chemical splash goggles.

SKIN PROTECTION                      Rubber gloves or other                      RESPIRATORY PROTECTION                      None Required.

impervious gloves.

OTHER PROTECTION                      None Required.                      Follow good personal hygiene practices.

**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.

Not reportable under SARA Title III Section 311/312.

NE=Not Established    NA=Not Applicable

**PREPARED BY:**                      Mark Gindling, Director of Research

## Disclaimer of Liability

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APPEARANCE AND ODOR	Lemon, Clear Yellow Solution		

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FLASH POINT (TEST METHOD)	Tag Closed Cup: None!	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	NA <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> FOAM <input type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> WATER <input type="checkbox"/> OTHER <input type="checkbox"/>	UPPER	LOWER
SPECIAL FIRE FIGHTING PROCEDURES	None	N/A	N/A

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

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Oxides of carbon and nitrogen.

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