



**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
^_	FIRE	0
^^_	REACTIVITY	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.**

<b>SECTION I - IDENTIFICATION</b>				
PRODUCT NAME <b>BUCKEYE</b>		SANICARE LEMON QUAT		DATE PREPARED April 1,2005
CHEMICAL FAMILY Cleaner Disinfectant, Water Based			CODE 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 WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
4.23	Blend of Didecyl Dimethyl and n-Alkyl	NE	NE	7173-51-5
	Dimethyl Benzyl Ammonium Chlorides			8001-54-5
>90.77	Soft Water	NE	NE	7732-18-5
<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. ALL INGREDIENTS ARE ON TSCA INVENTORY.				
<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	93.0	EVAPORATION RATE (Water=1)	1.0	
SPECIFIC GRAVITY	1.00	PRODUCT FORM	Liquid	
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	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.			

## SECTION VI - HEALTH HAZARD DATA

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

HEALTH HAZARDS (Acute and Chronic)

Corrosive - causes irreversible eye damage. Causes skin irritation. Harmful if inhaled.

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.

### 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: In case of contact, immediately flush eyes or skin with plenty of water for 15 - 20 minutes. For Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration. For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

## 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

### VENTILATION

Wear safety glasses or chemical splash goggles. Normal room ventilation.

SKIN PROTECTION Rubber gloves or other

### RESPIRATORY PROTECTION

impervious gloves.

Avoid breathing spray mist.

### OTHER

PROTECTION Wash thoroughly with soap and water after handling.

Remove contaminated clothing and wash clothing before reuse.

## SECTION IX - SPECIAL PRECAUTIONS

### PRECAUTIONS IN

**KEEP OUT OF REACH OF CHILDREN!**

### HANDLING AND STORAGE

Rinse container before discarding.

Keep container closed when not in use.

Store at room temperature.

### OTHER

This product is not regulated under CERCLA or RCRA.

### PRECAUTIONS

If more than 10,000 lbs. are stored in a single day, product may require

NA = Not Applicable

reporting under SARA Title III, Section 311/312 as an immediate health hazard.

NE = Not Established

**PREPARED BY;** \_\_\_\_\_ Mark Gindling, Director of Research

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