

**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.**

SECTION I - IDENTIFICATION				
PRODUCT NAME BUCKEYE SANICARE PINE QUAT			DATE PREPARED April 1, 2005	
CHEMICAL FAMILY Cleaner Disinfectant, Water Based			CODE 5078	
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.
4.23	Blend of Didecyl Dimethyl and n-Alkyl Dimethyl Benzyl Ammonium Chlorides	NE	NE	7173-51-5 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.				
SECTION III - PHYSICAL DATA				
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	Pine, Clear Green 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.			

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	RESPIRATORY PROTECTION
Rubber gloves or other 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 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 lbs. are 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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