



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
	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 PINE QUAT			DATE PREPARED December 27, 2011	
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.
2.54	Didecyldimethylammonium chloride	NE	NE	7173-51-5
1.69	Quaternary Ammonium compounds benzyl C12-C16-alkyldimethyl, chlorides	NE	NE	68424-85-1
>90.77	Soft Water	NE	NE	7732-18-5
<2.0	Octyl Dimethyl Amine Oxide	NE	NE	2605-78-9
<2.0	Ethanol	1000ppm	1000ppm	64-17-5
<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	1:64 Dilution (pH 7 DI Water)	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	Clear Yellow Solution; Pine Fragrance			
SECTION IV - FIRE AND EXPLOSION DATA				
FLASH POINT(Test Method)	>200°F	FLAMMABLE LIMITS		
EXTINGUISHING MEDIA	Water, foam, dry chemical	UPPER LIMIT:	NA	LOWER LIMIT: NA
SPECIAL FIRE FIGHTING PROCEDURES	Approved self contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray.			
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, anionic detergents, strong oxidizing or reducing agents.			
HAZARDOUS DECOMPOSITION PRODUCT	Thermal decomposition can lead to release of irritating gases or vapors.			
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)	
Eye contact will produce severe irritation and/or burns. Skin contact will cause severe irritation. Prolonged contact may produce burns. Vapors or mists can cause irritation of mucous membranes.	
CARCINOGENICITY:	NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE	
For Eyes: Redness or burning sensation. Inhalation: Coughing, drowsiness. 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. IF IN EYES: Hold eye open (eyelids apart) and rinse slowly and gently with water for 15 - 20 minutes. Get medical attention. IF ON SKIN OR CLOTHING: Take off contaminated clothing, Wash skin immediately with plenty of water and soap for 15 - 20 minutes. Get medical attention. Wash clothing and decontaminate shoes before reuse. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. 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. 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.	Proper ventilation when mists or vapors are present.
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. 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 10,000 lbs. 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. California Prop 65: Contains component which the state has found to cause cancer, birth defects or reproductive harm.
NA = Not Applicable NE = Not Established	
PREPARED BY:	Scott Maag, Vice President of Operations
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