



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	DATE PREPARED
BUCKEYE SANICARE PINE QUAT	December 27, 2011
CHEMICAL FAMILY	CODE
Cleaner Disinfectant, Water Based	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	NE	NE	68424-85-1
	benzyl C12-C16-alkyldimethyl, chlorides			
>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 Green 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	Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.	
METHOD	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	Rubber gloves or other	RESPIRATORY PROTECTION
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. Store at room temperature.	
	Keep container closed when not in use.	
	Do not contaminate water, food or feed by storage or disposal.	
OTHER	CERCLA reportable quantity 10,000 lbs. If more than 10,000 lbs are stored	
PRECAUTIONS	in a single day, product may require reporting under SARA Title III, Section 311/312	
NA = Not Applicable	as an immediate health hazard. California Prop 65: Contains component which the state	
NE = Not Established	has found to cause cancer, birth defects or reproductive harm.	
PREPARED BY:	Scott Maag, Vice President of Operations	
Disclaimer of Liability		
As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of the material. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Conforms to OSHA 174, Sept 1985.		