



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER	BUCKEYE ECO ONE-STEP DISINFECTANT- DEODORIZER-CLEANER	PRODUCT IDENTIFICATION NUMBER (PIN)	CODE: E 6022	Not Applicable
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PRODUCT USE
Cleaner Disinfectant, Water Based

MANUFACTURER'S NAME
BUCKEYE INTERNATIONAL, INC.

SUPPLIER'S NAME

STREET ADDRESS
2700 WAGNER PLACE

STREET ADDRESS

CITY
MARYLAND HEIGHTS

PROVINCE
MISSOURI, U.S.A.

CITY

PROVINCE

POSTAL CODE
63043-3471

MEDICAL EMERGENCY TELEPHONE
NUMBER 1-800-303-0441

POSTAL CODE

EMERGENCY TELEPHONE NO.

TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053

SECTION 2 - INGREDIENTS

INGREDIENTS	% wgt/wgt	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Blend of n-alkyl dimethyl benzyl and di-n-alkyl dimethyl ammonium chlorides	21.7	68424-85-1	Rat Oral 586 mg/kg	Not Available
		68424-95-3		
Soft water	60-100	7732-18-5	Not Available	Not Available
Alkyloxypolyethyleneoxyethanol	5-10	84133-50-6	Rat oral >412mg/kg	Rat 1.06 mg/L/4hr
Ethanol	1-5	64-17-5	Not Available	Not Available
Tetrasodium ethylenediamine- tetraacetate	1-5	64-02-8	Rat Oral 4.1 g/kg	Not Available

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Peppermint Fragrance; Clear Orange-Red Solution			
VAPOUR PRESSURE (mmHG) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE (Water =1) 1	BOILING POINT (°C) 100°	FREEZING POINT (°C) 0°
pH (CONC.) 12.7 ± 0.7	pH (USE DILUTION) 10.2 ± 0.2 1:256 (pH 7 DI water)	SPECIFIC GRAVITY 1.01	COEFF. WATER/OIL DIST. Not Available	ODOUR THRESHOLD (ppm) Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS?
No

MEANS OF EXTINCTION
Not Applicable

FLASHPOINT (°C) AND METHOD
52°C (125°F) PMCC

UPPER FLAMMABLE LIMIT (% BY VOLUME)
Not Applicable

LOWER FLAMMABLE LIMIT (% BY VOLUME)
Not Applicable

HAZARDOUS COMBUSTION PRODUCTS
Oxides of carbon and nitrogen; fumes of amines, products of combustion are toxic.

EXPLOSION DATA

SENSITIVITY TO IMPACT
Not Applicable

SENSITIVITY TO STATIC DISCHARGE
Not Applicable

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY IF NO, UNDER WHICH CONDITIONS?
Yes

INCOMPATIBILITY WITH OTHER SUBSTANCES? IF SO, WHICH ONES?
Yes Do not mix with chlorine bleach or anionic detergents.

REACTIVITY, AND UNDER WHAT CONDITIONS
None Known

HAZARDOUS DECOMPOSITION PRODUCTS
None Known

PRODUCT IDENTIFIER					
BUCKEYE ECO ONE-STEP DISINFECTANT-DEODORIZER-CLEANER				CODE E 6022	
SECTION 6 - TOXICOLOGICAL PROPERTIES					
ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	No	Yes	Yes	Yes
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Danger - Corrosive to eyes. Do not get in eyes, on skin or on clothing. Harmful if swallowed.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
None Known					
EXPOSURE LIMITS		IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT	
Not Available		Corrosive to eyes.		No	
TERATOGENICITY		REPRODUCTIVE TOXICITY		MUTAGENICITY	
No		No		No	
SECTION 7 - PREVENTIVE MEASURES					
PERSONAL PROTECTIVE EQUIPMENT					
GLOVES (SPECIFY)		RESPIRATOR (SPECIFY)		EYE (SPECIFY)	
Rubber gloves or other impervious gloves.		Avoid breathing spray mist.		Wear goggles with face shield.	
FOOTWEAR (SPECIFY) Wear water or chemical resistant footwear when scrubbing floors.		CLOTHING (SPECIFY) Normal clothing which covers skin.		OTHER (SPECIFY) None Required	
ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)					
Maintain adequate room ventilation.					
LEAK AND SPILL PROCEDURE					
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, provincial and federal laws.					
HANDLING PROCEDURES AND EQUIPMENT					
Wash thoroughly with soap and water after handling.					
STORAGE REQUIREMENTS					
Keep container closed when not in use. Avoid food contamination. Rinse container before discarding. KEEP OUT OF REACH OF CHILDREN!					
SPECIAL SHIPPING INFORMATION					
Disinfectant, Liquid, NOIBN					
SECTION 8 - FIRST AID MEASURES					
SPECIFIC MEASURES					
For Eyes: Flush with cool water for 15 minutes. See physician.					
For Skin: Flush with water for 15 minutes. If irritation occurs and persists, see physician. Remove and wash contaminated clothes before reuse.					
For Ingestion: Give promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Call physician or poison control centre immediately!					
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.					
This product is exempt under WHMIS (DIN 02392100).					
HAZARD			NFPA		
HMIS			RATING		
HEALTH	3	3	4 = EXTREME		
FIRE	1	1	3 = SERIOUS		
REACTIVITY	0	0	2 = MODERATE		
			1 = SLIGHT		
			0 = MINIMAL		
SECTION 9 - PREPARATION DATE OF MSDS					
PREPARED BY (GROUP, DEPARTMENT, ETC.)			PHONE NUMBER		DATE
SCOTT MAAG - VICE PRESIDENT OF OPERATIONS			(314) 291-1900		Nov. 12, 2012