



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER		BUCKEYE COLISEUM ODORLESS VIRGIN MINERAL SPIRITS/WATERLESS CLEANER		CODE: 5188		PRODUCT IDENTIFICATION NUMBER (PIN)		Not Applicable		
PRODUCT USE										
Mineral Spirits										
MANUFACTURER'S NAME					SUPPLIER'S NAME					
BUCKEYE INTERNATIONAL, INC.										
STREET ADDRESS					STREET ADDRESS					
2700 WAGNER PLACE										
CITY			PROVINCE		CITY		PROVINCE			
MARYLAND HEIGHTS			MISSOURI, U.S.A.							
POSTAL CODE			MEDICAL EMERGENCY TELEPHONE NUMBER			POSTAL CODE		EMERGENCY TELEPHONE NO.		
63043-3471			1-800-303-0441							
TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053										

## SECTION 2 - INGREDIENTS

INGREDIENTS	%	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Naptha (Petroleum) Heavy Alkylate	100	64741-65-7	>2g/kg Rat oral	Not Available

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE		ODOUR AND APPEARANCE		
Liquid		Mineral Spirit Odor - Water White Clear		
VAPOUR PRESSURE (mmHg)	VAPOUR DENSITY (Air=1)	EVAPORATION RATE (Butyl acetate =1)	BOILING POINT (°C)	FREEZING POINT (°C)
0.07mmHg @20°C	5.3	0.11	175°	0°
pH (CONC.)	pH (USE DILUTION) RTU	SPECIFIC GRAVITY	COEFF. WATER/OIL DIST.	ODOUR THRESHOLD (ppm)
Not determined	NA	0.758	Not Available	Not Available

## SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY	IF YES, UNDER WHICH CONDITIONS?	If product is used near or above flashpoint, an ignition hazard may be present. Activities, uses & operations which liberate vapor may present an ignition hazard.		
Yes				
MEANS OF EXTINCTION				
CO <sub>2</sub> , Foam, Dry Chemical, Fog		Use water spray to cool nearby containers and structures exposed to fire.		
FLASHPOINT (°C) AND METHOD		UPPER FLAMMABLE LIMIT (% BY VOLUME)	LOWER FLAMMABLE LIMIT (% BY VOLUME)	
51°C TCC		7%	0.6%	
HAZARDOUS COMBUSTION PRODUCTS				
Oxides of carbon, hydrocarbons				
EXPLOSION DATA	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE		
None	No	Can be sensitive		

## SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY	IF NO, UNDER WHICH CONDITIONS?
Yes	
INCOMPATIBILITY WITH OTHER SUBSTANCES?	IF SO, WHICH ONES?
Yes	Strong oxidizers
REACTIVITY, AND UNDER WHAT CONDITIONS	
None Known	
HAZARDOUS DECOMPOSITION PRODUCTS	
Oxides of carbon, hydrocarbons	

PRODUCT IDENTIFIER					
BUCKEYE COLISEUM ODORLESS MINERAL SPIRITS/WATERLESS CLEANER CODE: 5188					
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>					
ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	Yes	Yes	Yes	Yes
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Prolonged exposure may effect the central nervous system and cardiovascular system. Vapors may cause respiratory tract irritation, wheezing and difficulty breathing. Mild eye and moderate skin irritant. Prolonged or repeated contact to skin may dry the skin and cause cracking. May cause lung damage if swallowed.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
Preexisting medical conditions of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, eyes, respiratory system, cardiovascular system.					
EXPOSURE LIMITS		IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT	
TWA 100ppm ACGIH PEL 500ppm OSHA		Moderate skin irritation and eye irritation		Not Available	
TERATOGENICITY		REPROD. TOXICITY		MUTAGENICITY	
None Known		None Known		No	
				CARCINOGENICITY	
				None Known	
				SYNERGISTIC PRODUCTS	
				None Known	
<b>SECTION 7 - PREVENTIVE MEASURES</b>					
PERSONAL PROTECTIVE EQUIPMENT		RESPIRATOR (SPECIFY)			
GLOVES (SPECIFY) Rubber gloves or other chemical resistant gloves.		None under normal use. If air monitoring demonstrates levels above applicable limits, a properly fitting respirator should be used during application.		EYE (SPECIFY) When eye contact may occur, wear safety glasses or chemical splash goggles.	
FOOTWEAR (SPECIFY) Footwear that keeps feet dry is suggested.		CLOTHING (SPECIFY) Normal Clothing		OTHER (SPECIFY) None required.	
ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)					
Adequate to keep vapors dispersed. Avoid breathing vapors.					
LEAK AND SPILL PROCEDURE					
Pick up with absorbent material rags, or pump or vacuum spilled product to clean containers for recovery. Allow residue to dry. Allow floor to dry before allowing traffic.					
WASTE DISPOSAL					
Do not flush to sanitary sewer. Dispose of solid material in approved and permitted landfill. Dispose of liquid by permitted incinerator or biological treatment system following local, provincial, and federal law.					
HANDLING PROCEDURES AND EQUIPMENT					
Use self contained breathing apparatus or airmask for large spills in a confined area. Wash hands thoroughly with soap and water after using product.					
STORAGE REQUIREMENTS					
KEEP OUT OF REACH OF CHILDREN! Do not store above 49°C. Store at room temperature. Keep container closed when not in use. Empty containers may contain residue including flammable or explosive vapors. Do not cut, puncture or weld on or near this container. Store away from heat, sparks and open flames. Follow all label warnings. Dust from screening floors and finish soaked rags can auto ignite. Immerse dust in water and open rags to air dry before discarding in waste.					
SPECIAL SHIPPING INFORMATION					
Petroleum Distillates, Not Regulated ( Combustible Liquids Exemption)					
<b>SECTION 8 - FIRST AID MEASURES</b>					
SPECIFIC MEASURES					
For Eyes: Flush with cool water for 15 minutes. If irritation occurs and persists, see physician.					
For Skin: Remove contaminated clothing. Wash with soap and water for at least 15 minutes. If irritation occurs and persists, see physician. Launder clothing before reuse.					
For Ingestion: Call for medical advice immediately. DO NOT induce vomiting. Do not give anything by mouth unless directed to do so by a medical professional.					
For Inhalation: Remove to fresh air. If symptoms persists, seek medical attention. If not breathing, call 911 or ambulance and give artificial respiration, preferably, mouth-to-mouth.					
This product is regulated under WHMIS. ( D.2.B. and COMBUSTIBLE)					
			<b>RATING</b>		
			4 = EXTREME		
			3 = SERIOUS		
			2 = MODERATE		
			1 = SLIGHT		
			0 = MINIMAL		
<b>SECTION 9 - PREPARATION DATE OF MSDS</b>					
PREPARED BY (GROUP, DEPARTMENT, ETC.)			PHONE NUMBER		DATE
SCOTT MAAG - VICE PRESIDENT OF OPERATIONS			(314) 291-1900		March 1, 2012