



**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	0
	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.

<b>SECTION I - IDENTIFICATION</b>				
PRODUCT NAME <b>BUCKEYE PENETRATE</b>			DATE PREPARED June 2, 2008	
CHEMICAL FAMILY Floor Finish Stripper, Water Based			CODE 5023	
PROPER D.O.T. SHIPPING NAME           Compound , Cleaning , Liquid				
D.O.T. HAZARD CLASSIFICATION           None				
<b>SECTION II - INGREDIENTS AND IDENTITY INFORMATION</b>				
% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
7.5	Monoethanolamine	3 ppm	3 ppm	141-43-5
>56.5	Water	NE	NE	7732-18-5
<10.0	Benzyl Alcohol	NE	NE	100-51-6
<10.0	Ethylene Glycol Phenyl Ether	NE	NE	122-99-6
<10.0	Primary Alkane Sulfonate	NE	NE	Blend
<5.0	Octanoic Acid	NE	NE	124-07-2
<1.0	Additives less than 1%	NA	NA	NA
ITEMS MARKED * ARE SARA TITLE III SEC 313 REPORTABLES. ALL INGREDIENTS ARE ON TSCA INVENTORY.				
<b>SECTION III - PHYSICAL DATA</b>				
BOILING POINT °F	212°F	pH (CONC.)		10.5 ± 0.2
SOLUBILITY IN WATER	Infinite	1:4 Dilution (pH 7 DI Water)		10.2 ± 0.2
% VOLATILE BY WEIGHT	93.0	EVAPORATION RATE (Water=1)		1.0
SPECIFIC GRAVITY	1.02	PRODUCT FORM		Liquid
APPEARANCE AND ODOR	Clear Solution; No Scent - No Added Perfume			
<b>SECTION IV - FIRE AND EXPLOSION DATA</b>				
FLASH POINT(Test Method)	Tag Closed Cup: None!	<b>FLAMMABLE LIMITS</b>		
EXTINGUISHING MEDIA	NA	UPPER LIMIT:	NA	LOWER LIMIT: NA
SPECIAL FIRE FIGHTING PROCEDURES	Wear alkali resistant clothing.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion. Oxides of sulfur, carbon and nitrogen.			
<b>SECTION V - REACTIVITY DATA</b>				
STABILITY	Stable			
CONDITIONS TO AVOID	None known.			
INCOMPATIBILITY	Do not mix with chlorine bleach or acids.			
HAZARDOUS DECOMPOSITION PRODUCTS	None known.			
HAZARDOUS POLYMERIZATION	Will not occur.			

<b>SECTION VI - HEALTH HAZARD DATA</b>	
ROUTE(S) OF ENTRY:	INHALATION? No SKIN? Yes INGESTION? Yes
HEALTH HAZARDS (Acute and Chronic)	
Very severe eye irritant. Slight skin irritant. May be harmful if swallowed.	
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. For Ingestion: Nausea, headache.	
MEDICAL CONDITIONS	
GENERALLY AGGRAVATED BY EXPOSURE	
Dermatitis. Can cause defatting of skin tissue.	
EMERGENCY AND FIRST AID PROCEDURES	
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. For Ingestion: Give two large glasses of water. DO NOT induce vomiting. Call physician immediately! Never give anything by mouth to an unconscious person.	
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>	
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.
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
EYE PROTECTION	VENTILATION
Wear safety glasses or chemical splash goggles.	Maintain adequate ventilation.
SKIN PROTECTION	RESPIRATORY PROTECTION
Rubber gloves or other impervious gloves.	None required.
OTHER PROTECTION	
Wear water or chemical resistant footwear when scrubbing floors. Wash thoroughly with soap and water after handling.	
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
PRECAUTIONS IN HANDLING AND STORAGE	<b>KEEP OUT OF REACH OF CHILDREN!</b> Store at room temperature. Keep container closed when not in use. Store away from acids. Store on low shelves. Rinse container before discarding.
OTHER PRECAUTIONS NA = Not Applicable NE = Not Established	This product is not regulated under CERCLA. This product is not regulated under RCRA when product label and MSDS spill directions are followed. If more than 10,000 lbs. is stored in a single day, product may require reporting under SARA Title III, Section 311/312 as an immediate health hazard. Product produced under one or more of the following U.S. Patents; 5,080,822; 5,080,831; 5,158,710; 5,419,848; 5,849,682 and 5,585,341. Other patents pending.
<b>PREPARED BY:</b>	Scott Maag, Director of Research
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