



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER <b>BUCKEYE RIPSAW</b>		CODE: 5025		PRODUCT IDENTIFICATION NUMBER (PIN) <b>UN 1760</b>	
PRODUCT USE <b>Alkaline Floor Finish Stripper, Water Based</b>					
MANUFACTURER'S NAME <b>BUCKEYE INTERNATIONAL, INC.</b>			SUPPLIER'S NAME		
STREET ADDRESS <b>2700 WAGNER PLACE</b>			STREET ADDRESS		
CITY <b>MARYLAND HEIGHTS</b>		PROVINCE <b>MISSOURI, U.S.A.</b>		CITY	
POSTAL CODE <b>63043-3471</b>		MEDICAL EMERGENCY TELEPHONE NUMBER <b>1-800-303-0441</b>		EMERGENCY TELEPHONE NO.	
TRANSPORTATION EMERGENCY TELEPHONE NUMBER <b>1-800-535-5053</b>					

## SECTION 2 - INGREDIENTS

INGREDIENTS	%	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Monoethanolamine	5	141-43-5	Rat Oral 1.7-2.7 g/kg	Not Available
Sodium Hydroxide	1.1	1310-73-2	Rat Oral 3.4 g/kg	>40 mg/m <sup>3</sup> /1hr
Water	40-70	7732-18-5	Not Available	Not Available
Benzyl Alcohol	7-13	100-51-6	Rat Oral 1.2 g/kg	1000ppm/8 hrs. Rat
Ethylene Glycol Phenyl Ether	3-7	122-99-6	Rat Oral 1.3-4.0 g/kg	Not Available
Octanoic Acid	1-5	124-07-2	Rat Oral 10080 mg/kg	Not Available
Alpha Olefin Sulfonate	1-5	68784-79-2	Rat Oral 2 g/kg	Not Available
Sodium Xylene Sulfonate	1-5	1300-72-7	Rat Oral 4 g/kg	Not Available
Sodium Metasilicate Pentahydrate	1-5	6834-92-0	Rat Oral 800 mg/kg	Not Available
Tetrasodium Ethylenediamine-tetraacetate	1-5	64-02-8	Rat Oral 4.1 g/kg	Not Available

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE <b>Liquid</b>	ODOUR AND APPEARANCE <b>Mild, Water Clear Solution</b>			
VAPOUR PRESSURE (mmHG) <b>Not Available</b>	VAPOUR DENSITY (Air=1) <b>Not Available</b>	EVAPORATION RATE (Water =1) <b>1</b>	BOILING POINT (°C) <b>100°</b>	FREEZING POINT (°C) <b>0°</b>
pH (CONC.) <b>12.6 ± 0.2</b>	pH (USE DILUTION) <b>12.3 ± 0.2</b> 1:4 (pH 7 DI water)	SPECIFIC GRAVITY <b>1.06 ± 0.01</b>	COEFF. WATER/OIL DIST. <b>Not Available</b>	ODOUR THRESHOLD (ppm) <b>Not Available</b>

## SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY IF YES, UNDER WHICH CONDITIONS? <b>No</b>	MEANS OF EXTINGUISHMENT <b>Not Applicable</b>			
FLASHPOINT (°C) AND METHOD <b>Tag Closed Cup-None!</b>	UPPER FLAMMABLE LIMIT (% BY VOLUME) <b>Not Applicable</b>	LOWER FLAMMABLE LIMIT (% BY VOLUME) <b>Not Applicable</b>		
HAZARDOUS COMBUSTION PRODUCTS: <b>Oxides of carbon, nitrogen, sulfur and silicon.</b>				
EXPLOSION DATA	SENSITIVITY TO IMPACT <b>Not Applicable</b>		SENSITIVITY TO STATIC DISCHARGE <b>Not Applicable</b>	

## SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY <b>Yes</b>	IF NO, UNDER WHICH CONDITIONS?
INCOMPATIBILITY WITH OTHER SUBSTANCES? <b>Yes</b>	IF SO, WHICH ONES? <b>Do not mix with chlorine bleach or acids.</b>
REACTIVITY, AND UNDER WHAT CONDITIONS <b>None Known</b>	
HAZARDOUS DECOMPOSITION PRODUCTS <b>None Known</b>	

PRODUCT IDENTIFIER					
BUCKEYE RIPS AW CODE 5025					
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES</b>					
ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	No	Yes	No	Yes
EFFECTS OF ACUTE EXPOSURE TO PRODUCT					
Corrosive. Will cause burns to eyes and skin. Harmful or fatal if swallowed.					
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT					
None Known					
EXPOSURE LIMITS		IRRITANCY OF PRODUCT		SENSITIZATION TO PRODUCT	
Not Available		Corrosive		No	
TERATOGENICITY		REPRODUCTIVE TOXICITY		MUTAGENICITY	
No		No		No	
				CARCINOGENICITY	
				No	
				SYNERGISTIC PRODUCTS	
				None Known	
<b>SECTION 7 - PREVENTIVE MEASURES</b>					
PERSONAL PROTECTIVE EQUIPMENT					
GLOVES (SPECIFY)		RESPIRATOR (SPECIFY)		EYE (SPECIFY)	
Rubber gloves or other chemical resistant gloves.		None Required		Wear safety glasses or chemical splash goggles.	
FOOTWEAR (SPECIFY) Wear water or chemical resistant footwear when scrubbing floors.		CLOTHING (SPECIFY)		OTHER (SPECIFY)	
		Normal Clothing		None under normal use.	
ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)					
Normal 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 <b>KEEP OUT OF RECH OF CHILDREN!</b> Store at room temperature. Store away from acids. Store on low shelves. Rinse container before discarding. Keep container closed when not in use.					
SPECIAL SHIPPING INFORMATION					
Corrosive Liquids, n.o.s. (Contains Ethanolamine and Sodium Hydroxide), 8, UN 1760, PG II.					
<b>SECTION 8 - FIRST AID MEASURES</b>					
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.					
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.					
Product produced under one or more of the following U.S. patents: 5,080,822; 5,080,831; 5,158,710; 5,419,848; 5,585,341; 5,849,682. Canada patents: 2,056,452; 2,080,352; 2,057,027. Other patents pending.					
This product is regulated under WHMIS. (E)					
			<b><u>RATING</u></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 - DIRECTOR OF RESEARCH			(314) 291-1900		March 1, 2009