



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.

SECTION I - IDENTIFICATION

PRODUCT NAME	BUCKEYE LIQUID SHOVEL	DATE PREPARED	December 27, 2011
CHEMICAL FAMILY	Floor Finish Stripper	CODE	5022
PROPER D.O.T.			
SHIPPING NAME	Compound, Cleaning, Liquid.		
D.O.T. HAZARD			
CLASSIFICATION	None		

SECTION II - INGREDIENTS AND IDENTITY INFORMATION

% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
>43.0	Water	NE	NE	7732-18-5
<15.0	Benzyl Alcohol	NE	NE	100-51-6
<12.0	Propylene Glycol N-Butyl Ether	NE	NE	29911-28-2
<10.0	Linear Primary Alcohol Ethoxylate	NE	NE	34398-01-1
<8.0	Octanoic Acid	NE	NE	124-07-2
<3.0	Propylene Glycol Phenyl Ether	NE	NE	770-35-4
<2.0	Sodium Hydroxide	2mg/m3	2mg/m3	1310-73-2
<2.0	Sodium Gluconate	NE	NE	527-07-1
<2.0	Alkyl Polyglucoside	NE	NE	Blend
<2.0	Sodium Borate	NE	NE	1303-96-4
>1.0	Coloring and Additives less than 1%	NA	NA	Blend

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.)	8.7 ± 0.2
SOLUBILITY IN WATER	Complete	1:4 Dilution (pH 7 DI Water)	8.6 ± 0.2
% VOLATILE BY WEIGHT	54.5	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.042	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	Clear Blue-Green Solution; Mild Scent - No Added Fragrance		

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT(Test Method)	Tag Closed Cup - None	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	NA	UPPER LIMIT:	NA
		LOWER LIMIT:	NA
SPECIAL FIRE FIGHTING PROCEDURES	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS	Oxides of carbon, nitrogen and boron.		

SECTION V - REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	None known
INCOMPATIBILITY	Do not mix with chlorine bleach
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

SECTION VI - HEALTH HAZARD DATA			
ROUTE(S) OF ENTRY:	INHALATION? No	SKIN? Yes	INGESTION? No
HEALTH HAZARDS (Acute and Chronic)			
Will cause severe eye and slight skin irritation. May be harmful if swallowed.			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE			
For Eyes and Skin: Redness or a burning sensation.			
MEDICAL CONDITIONS			
GENERALLY AGGRAVATED BY EXPOSURE			
Dermatitis.			
EMERGENCY AND FIRST AID PROCEDURES			
For Eyes: Flush with cool water for 15 minutes. If irritation persists, 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.			
Never give anything by mouth to an unconscious person.			
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			
METHOD	Dilute with water and flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.		
SECTION VIII - SPECIAL PROTECTION INFORMATION			
EYE PROTECTION	When eye contact may occur, wear safety glasses or chemical splash goggles.	VENTILATION	Maintain adequate room ventilation.
SKIN PROTECTION	Rubber gloves or other impervious gloves. *	RESPIRATORY PROTECTION	None required.
OTHER PROTECTION	Normal clothing which covers skin. Wear water or chemical resistant footwear when scrubbing floors.		
	* Needed for clean up or spills or for possible prolonged skin contact. Wash thoroughly with soap and water after handling.		
SECTION IX - SPECIAL PRECAUTIONS			
PRECAUTIONS IN HANDLING AND STORAGE	KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use. Store at room temperature.		
OTHER PRECAUTIONS NA = Not Applicable NE = Not Established	This product is not regulated under CERCLA. This product is not regulated under RCRA. If more than 10,000 pounds 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; 5,419,848; 5,158,710; 5,849,682; 5,585,341 and 6,716,804.		
PREPARED BY:	Scott Maag, Vice President of Operations		
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