



**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	3
	FIRE	0
	REACTIVITY	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 SHOPMASTER ALKALINE BOOSTER</b>			DATE PREPARED April 1, 2005	
CHEMICAL FAMILY Alkaline Solution			CODE 5715	
PROPER D.O.T.				
SHIPPING NAME Corrosive Liquids, n.o.s., (contains Sodium Metasilicate), 8, UN 1760, PG III				
D.O.T. HAZARD				
CLASSIFICATION Corrosive Material				
<b>SECTION II - INGREDIENTS AND IDENTITY INFORMATION</b>				
% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
<25.0	Sodium Metasilicate	NE	NE	6834-92-0
>74.0	Soft Water	NE	NE	7732-18-5
<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.)	13.3 ± 0.2	
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION)	NA	
% VOLATILE BY WEIGHT	80.0	EVAPORATION RATE (Water=1)	1.0	
SPECIFIC GRAVITY	1.10	PRODUCT FORM	Liquid	
APPEARANCE AND ODOR	Mild, Clear Water White Solution			
<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 silicon.			
<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)			
Corrosive. Will cause burns to eyes and skin. Harmful if swallowed			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGN(S) AND SYMPTOMS OF OVEREXPOSURE			
For Eyes: Redness or burning sensation. For Skin: Redness of skin or a warming sensation. For Ingestion: Nausea.			
MEDICAL CONDITIONS			
GENERALLY AGGRAVATED BY EXPOSURE			
Dermatitis.			
EMERGENCY AND FIRST AID PROCEDURES			
For Eyes: Flush with cool water for 15 minutes. See physician. For Skin: Wash with soap and 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.	Normal room ventilation.		
SKIN PROTECTION	Rubber or other impervious gloves.	RESPIRATORY PROTECTION	None required.
OTHER PROTECTION			
Follow good personal hygiene practices.			
<b>SECTION IX - SPECIAL PRECAUTIONS</b>			
PRECAUTIONS IN HANDLING AND STORAGE	<b>KEEP OUT OF REACH OF CHILDREN!</b> Store on low shelves. Keep container closed when not in use. If concentrated or diluted product is allowed to dry on glass, etching may occur. Store away from acids. Store at room temperature. Rinse container before discarding.		
OTHER PRECAUTIONS	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.		
NA = Not Applicable	This product is not regulated under CERCLA. This product is not regulated		
NE = Not Established	under RCRA when product label and MSDS spill directions are followed.		
<b>PREPARED BY:</b>	Mark Gindling, Director of Research		
Disclaimer of Liability			
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