

Buckeye International, Inc.

2700 Wagner Place Maryland Heights, MO 63043 314/291-1900

N. F. P. A.

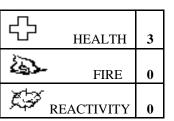
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



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 - IDEN'	TIFICATION	1				
PRODUCT NAME					DATE PREPARED	
BUCKEYE SHOPMASTER ALKALINE BOOSTER					April 1, 2005	
CHEMICAL FAMILY					CODE	
	Alkaline Solution					
PROPER D.O.T.						
SHIPPING NAME	Corrosive Lia	uids, n.o.s., (conta	ins Sodium	Metasilicate).	8, UN 1760, PG III	
D.O.T. HAZARD					, , , , , , , , , , , , , , , , , , , ,	
CLASSIFICATION	Corrosive Ma	terial				
SECTION II - INGE			INFORMA'	TION		
% By WGT	MATERIAL		PEL	T.L.V.	C.A.S. NO.	
<25.0 Sodium Metasil			NE NE	NE	6834-92-0	
>74.0 Soft Water		NE	NE NE	7732-18-5		
<1.0 Additives less th	nan 1%		NA	NA	NA	
			1			
			1			
			1			
ITEMS MARKED * ARE SA	ARA TITLE III SE	EC 313 REPORTABLES	S. ALL INGRE	DIENTS ARE ON	I TSCA INVENTORY.	
SECTION III - PHY						
BOILING POINT °F	STOTIL BITT	212°F	pH (CONC.)		13.3 ± 0.2	
SOLUBILITY IN WATER			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					Elquid	
SECTION IV - FIRE			iution			
FLASH POINT (Test Method)	Tag Closed Cup: None!		FLAMMABL		E LIMITS	
EXTINGUISHING MEDIA	rug C	NA	UPPER LIMI		LOWER LIMIT: NA	
SPECIAL FIRE FIGHTING P	ROCEDURES		ear alkali resis		EOWER EIMIT. TWI	
Z. Zen E i nez i foli into i	TO CEE ONLD	•	- unun 10010			
UNUSUAL FIRE AND EXPL	OSION HAZARD	S Pr	oducts of com	bustion.		
CI.OSCILLINGIND EM E			xides of silicor			
SECTION V - REAC	CTIVITY DA					
		1A				
STABILITY CONDITIONS TO A VOID		Stable				
CONDITIONS TO AVOID		None known.				
	COMPATIBILITY Do not mix with chlorine bleach or acids.					
HAZARDOUS DECOMPOSIT		None known. Will not occur.				
HAZARDOUS POLYMERIZA	ATION	W	iii not occur.			

CODE: 5715

SECTION VI - HEALTH HAZARD DATA

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? 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.

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.

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 Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.

SECTION VIII - SPECIAL PROTECTION INFORMATION

EYE PROTECTION		VENTILATION	VENTILATION		
Wear safety glasses or chemical splash goggles.			Normal room ventilation.		
SKIN	Rubber or other	RESPIRATORY			
PROTECTION	impervious gloves.	PROTECTION	None required.		
OTHER					

PROTECTION Follow good personal hygiene practices.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN	TIONS IN KEEP OUT OF REACH OF CHILDREN!			
HANDLING AND STORAGE	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	If more than 10,000 lbs. is stored in a single day, product may require reporting			
PRECAUTIONS	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.			
PREPARED BY:	Mark Gindling, Director of Research			

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