

**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	<b>3</b>
	FIRE	<b>0</b>
	REACTIVITY	<b>0</b>

**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 AWAKEN</b>			DATE PREPARED April 1, 2005	
CHEMICAL FAMILY Sanitizer Extraction Carpet Cleaner, Water Based			CODE 5315	
PROPER D.O.T.				
SHIPPING NAME Disinfectant, Liquid, NOIBN				
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.
3.0	Sodium Metasilicate Pentahydrate	NE	NE	6834-92-0
2.0	Blend of n-Alkyl Dimethyl Benzyl and Di-n-alkyl Dimethyl Ammonium Chlorides	NE	NE	68424-85-1 68424-95-3
>76.0	Soft Water	NE	NE	7732-18-5
<3.0	Sodium Carbonate	NE	NE	497-19-8
<3.0	Tetrapotassium Pyrophosphate	NE	NE	7320-34-5
<7.0	Urea	NE	NE	57-13-6
<5.0	Nonyl Phenol Ethoxylate	NE	NE	9016-45-9
<1.0	Perfume, coloring and 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.)		12.5 ± 0.2
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION) 1:64		10.8 ± 0.5
% VOLATILE BY WEIGHT	83.0%	EVAPORATION RATE (Water=1)		1.0
SPECIFIC GRAVITY	1.07	PRODUCT FORM		Liquid
APPEARANCE AND ODOR	Clear Solution, Mild Odor			
<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	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS				
		Products of combustion.		
		Oxides of carbon, phosphorus, silicon and nitrogen.		
<b>SECTION V - REACTIVITY DATA</b>				
STABILITY	Stable			
CONDITIONS TO AVOID	None known.			
INCOMPATIBILITY	Do not mix with chlorine bleach or anionic detergents.			
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. Causes irreversible eye damage and skin burns.			
Harmful or fatal if swallowed or absorbed through skin.			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE			
For Eyes: Redness or burning sensation.		For Ingestion: Nausea, headache.	
For Skin: Redness of skin or a warming sensation.			
MEDICAL CONDITIONS			
GENERALLY AGGRAVATED BY EXPOSURE			
Dermatitis.			
EMERGENCY AND FIRST AID PROCEDURES: Call a poison control center or doctor immediately for treatment advice.			
For Eyes and Skin: Rinse eyes or skin immediately with water for at least 15 - 20 minutes.			
For Ingestion: Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.			
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.			
<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	Wear safety glasses or chemical splash goggles	VENTILATION	Normal room ventilation.
SKIN PROTECTION	Rubber gloves or other impervious gloves.	RESPIRATORY PROTECTION	None required.
OTHER PROTECTION	Remove and wash contaminated clothing before reuse. 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> Rinse container before discarding. Avoid contamination of food. Keep container closed when not in use.		
OTHER PRECAUTIONS	This product is not regulated under CERCLA or RCRA. 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			
NE = Not Established			
<b>PREPARED BY:</b>	Mark Gindling, Director of Research		
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