



**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>1</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 STABILIZE</b>			DATE PREPARED April 1, 2005	
CHEMICAL FAMILY Anti-Browning Agent, Water Based			CODE 5310	
PROPER D.O.T. SHIPPING NAME           Compound, Cleaning, Liquid				
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.
>94.0	Soft Water	NE	NE	7732-18-5
<5.0	Citric Acid	NE	NE	77-92-9
<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.)	2.4 ± 0.2	
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION) 1:32	2.8 ± 0.4	
% VOLATILE BY WEIGHT	98.0	EVAPORATION RATE (Water=1)	1.0	
SPECIFIC GRAVITY	1.01	PRODUCT FORM	Liquid	
APPEARANCE AND ODOR	Mild, Clear 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 acid resistant clothing.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion.			
	Oxides of carbon.			
<b>SECTION V - REACTIVITY DATA</b>				
STABILITY	Stable			
CONDITIONS TO AVOID	None known.			
INCOMPATIBILITY	Do not mix with chlorine bleach, caustics or alkali. Avoid contact with metals.			
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? No
HEALTH HAZARDS (Acute and Chronic)			
May cause eye and skin irritation.			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE			
For Eyes: Redness or burning sensation. For Skin: Redness of skin or a warming sensation.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE			
Can cause defatting of skin tissue.			
EMERGENCY AND FIRST AID PROCEDURES			
For Eyes: Flush with cool water for 15 minutes. If irritation occurs and 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.			
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>			
SPILL RESPONSE			
Dilute with large amount of water. Pick up with mops into a plastic bucket. Wash area with an alkaline detergent, followed by a clear water rinse. 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	When eye contact may occur, 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	Footwear that keeps feet dry is suggested. Follow good personal hygiene practices. *Needed for clean up of spill or for possible prolonged skin contact.		
<b>SECTION IX - SPECIAL PRECAUTIONS</b>			
PRECAUTIONS IN HANDLING AND STORAGE	<b>KEEP OUT OF REACH OF CHILDREN!</b> Keep container closed when not in use. Store away from caustics and strong alkali. Rinse container before discarding.		
OTHER PRECAUTIONS	This product is not regulated under CERCLA. This product is not regulated under RCRA when product label and MSDS spill directions are followed. 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.		
NA = Not Applicable NE = Not Established			
<b>PREPARED BY:</b>	Mark Gindling, Director of Research		
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