




**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	1
	FIRE	0
	REACTIVITY	0

## Material Safety Data Sheet

24 Hour Emergency Telephone Number: 1-800-228-5635 Extension: 076

### SECTION I - IDENTIFICATION

PRODUCT NAME	BUCKEYE STABILIZE	DATE PREPARED	January 1, 1997
CHEMICAL FAMILY	Anti-Browning Agent, Water Based	CODE	5310
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.
>94	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.

### SECTION III - PHYSICAL DATA

BOILING POINT •F	212°F	pH (CONC.)	2.4±0.2
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION) 1:32	3.1±0.2
% VOLATILE BY WEIGHT	98.0	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.01	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	Mild, Clear Solution		

### 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	Wear acid resistant clothing.		

UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion.
	Oxides of carbon.

### SECTION V - REACTIVITY DATA

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.

CODE: 5310

**SECTION VI - HEALTH HAZARD DATA**

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 Skin: Redness of skin or a warming sensation. For Eyes: Redness or burning 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.

**SECTION VII - SPILL OR LEAK PROCEDURES**

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                      Dilute with water and adjust pH with caustic to a pH above 6.0, then 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,                      VENTILATION  
wear safety glasses or chemical splash goggles.                      Normal room ventilation.SKIN                      Rubber gloves or other                      RESPIRATORY  
PROTECTION                      impervious gloves.\*                      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.

**SECTION IX - SPECIAL PRECAUTIONS**PRECAUTIONS IN                      **KEEP OUT OF REACH OF CHILDREN!**  
HANDLING AND STORAGE                      Keep container closed when not in use.  
Store away from caustics and strong alkali.  
Rinse container before discarding.

OTHER

PRECAUTIONS

NA = Not Applicable

NE = Not Established

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.

**PREPARED BY:**                      Mark Gindling, Director of Research

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