



**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
	FLAMMABILITY	0
	INSTABILITY	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.

### SECTION I - IDENTIFICATION

PRODUCT NAME	<b>BUCKEYE TENACITY</b>	DATE PREPARED	June 2, 2008
CHEMICAL FAMILY	All Purpose Cleaner, Water Based	CODE	5012
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.
>80.0	Water	NE	NE	7732-18-5
<7.0	Alcohol Ethoxylate	NE	NE	34398-01-1
<5.0	Sodium Iminodisuccinate	NE	NE	144538-83-0
<5.0	Sodium Borate	NE	NE	1303-96-4
<2.0	Sodium Xylene Sulfonate	NE	NE	1300-72-7
<1.0	Color 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.)	11.2 ± 0.2
SOLUBILITY IN WATER	Infinite	1:128 Dilution (pH 7 DI Water)	9.8 ± 0.2
% VOLATILE BY WEIGHT	85.0	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.04	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	Clear Blue Solution; No Scent - No Perfume Added		

### SECTION IV - FIRE AND EXPLOSION DATA

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 and nitrogen.

### SECTION V - REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	None known.
INCOMPATIBILITY	Do not mix with chlorine bleach.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

**SECTION VI - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY:                      INHALATION? No                      SKIN? Yes                      INGESTION? No

HEALTH HAZARDS (Acute and Chronic)

Moderate eye and slight skin irritant.  
Not toxic by ingestion.

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**

Dermatitis. 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**

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	When eye contact may occur, wear safety glasses or chemical splash goggles.	VENTILATION	Normal room ventilation.
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SKIN PROTECTION	Rubber gloves or other impervious gloves. *	RESPIRATORY PROTECTION	None required.
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OTHER PROTECTION	Wash thoroughly with soap and water after handling.
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\* Needed for clean up of spill or for possible prolonged skin contact.

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS IN HANDLING AND STORAGE	<b>KEEP OUT OF REACH OF CHILDREN!</b> Keep container closed when not in use. Store at room temperature.
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OTHER PRECAUTIONS	This product is not regulated under CERCLA or RCRA. Not reportable under SARA Title III, Section 311/312. Product produced under the following U.S. patent: 6,716,804.
NA = Not Applicable	
NE = Not Established	

**PREPARED BY:**                      Scott Maag, Director of Research**Disclaimer of Liability**

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