



**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>
	FLAMMABILITY	<b>0</b>
	INSTABILITY	<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>TENACITY</b>			DATE PREPARED December 27, 2011	
CHEMICAL FAMILY All Purpose Cleaner, Water Based			CODE 5012	
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.
>82.0	Water	NE	NE	7732-18-5
<7.0	Linear Primary Alcohol Ethoxylate	NE	NE	34398-01-1
<3.0	Sodium Borate	NE	5mg/m <sup>3</sup>	1303-96-4
<3.0	Sodium Gluconate	NE	NE	527-07-1
<3.0	Sodium Xylene Sulfonate	NE	NE	1300-72-7
<2.0	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.)		11.2 ± 0.2
SOLUBILITY IN WATER	Infinite	1:32 Dilution (pH 7 DI Water)		10.5 ± 0.2
% VOLATILE BY WEIGHT	88.0	EVAPORATION RATE (Water=1)		1.0
SPECIFIC GRAVITY	1.037	PRODUCT FORM		Liquid
APPEARANCE AND ODOR	Yellow-Orange Solution; Mild - No Added Fragrance			
<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 and nitrogen.			
<b>SECTION V - REACTIVITY DATA</b>				
STABILITY	Stable			
CONDITIONS TO AVOID	None known.			
INCOMPATIBILITY	Do not mix with chlorine bleach.			
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)			
Moderate eye and slight skin irritant. Not toxic by ingestion.			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGN(S) 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.			
<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	Wearing safety glasses or chemical splash goggles is suggested.	VENTILATION	Maintain adequate room ventilation.
SKIN PROTECTION	Wearing rubber gloves or other impervious gloves is suggested.	RESPIRATORY PROTECTION	None required.
OTHER PROTECTION	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> Keep container closed when not in use. Store at room temperature.		
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			
<b>PREPARED BY:</b>	Scott Maag, Vice President of Operations		
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