



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	2
	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 BUCKEYE XL-100			DATE PREPARED June 2, 2008	
CHEMICAL FAMILY Heavy Duty Cleaner Degreaser, Water Based			CODE 5050	
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.
>86.0	Water	NE	NE	7732-18-5
<5.0	Nonyl Phenoxyethoxy Ethanol	NE	NE	68412-54-4
<5.0	Dipropylene Glycol n-Butyl Ether	NE	NE	29911-28-2
<2.0	Tetrasodium Ethylenediaminetetraacetate	NE	NE	64-02-8
<2.0	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.)		12.7 ± 0.2
SOLUBILITY IN WATER	Infinite	1:40 Dilution (pH 7 DI Water)		10.6 ± 0.2
% VOLATILE BY WEIGHT	95.0	EVAPORATION RATE (Water=1)		1.0
SPECIFIC GRAVITY	1.01	PRODUCT FORM		Liquid
APPEARANCE AND ODOR	Clear Green Solution; Citrus Fragrance			
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	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Oxides of carbon.			
SECTION V - REACTIVITY DATA				
STABILITY	Stable			
CONDITIONS TO AVOID	None determined.			
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)	
Severe eye irritant. Not irritating to skin. Not toxic by ingestion.	
CARCINOGENICITY:	NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE	
For Eyes: Redness or burning sensation.	
MEDICAL CONDITIONS	
GENERALLY AGGRAVATED BY EXPOSURE	
None known.	
EMERGENCY AND FIRST AID PROCEDURES	
For Eyes: Flush with cool 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.
SKIN PROTECTION	Rubber gloves or other impervious gloves.*
RESPIRATORY PROTECTION	None required.
OTHER PROTECTION	
Wear water or chemical resistant footwear when scrubbing floors.	
Wash thoroughly with soap and water after handling.	
*Needed for clean up of spill or for possible prolonged skin contact.	
SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS IN HANDLING AND STORAGE	KEEP OUT OF REACH OF CHILDREN! Store at room temperature. Keep container closed when not in use.
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. Not reportable under SARA Title III, Section 311/312. Product produced under one or more of the following U.S. Patents: 5,080,822; 5,080,831; 5,158,710; 5,419,848; 5,585,341 and 5,849,682.
NA = Not Applicable	
NE = Not Established	Other patents pending.
PREPARED BY:	Scott Maag, Director of Research
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