



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	0
	FIRE	0
	REACTIVITY	0

ABC

Material Safety Data Sheet

24 Hour Medical Emergency Telephone Number: 1-800-228-5635. Outside North America call : 651-632-8946.

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 January 31, 2003
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.
>83.0	Water	NE	NE	7732-18-5
<5.0	Nonyl Phenoxy polyethoxy Ethanol	NE	NE	68412-54-4
<5.0	Dipropylene Glycol n-Butyl Ether	NE	NE	29911-28-2
<5.0	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	pH (USE DILUTION) 1:40	11.1 ± 0.2
% VOLATILE BY WEIGHT	95.0	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.01	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	Citrus, Clear Green 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	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.

CODE: 5050

SECTION VI - HEALTH HAZARD DATA	
ROUTE(S) OF ENTRY:	INHALATION? No SKIN? Yes INGESTION? No
HEALTH HAZARDS (Acute and Chronic)	
Slight 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.	
Follow good personal hygiene practices.	
*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. Other patents pending.
NA = Not Applicable NE = Not Established	
PREPARED BY:	Mark Gindling, Director of Research
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