



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
	FIRE	0
	REACTIVITY	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 GEL SCRUB			DATE PREPARED April 1, 2005	
CHEMICAL FAMILY Foaming Acid Cleaner, Water Based			CODE 5220	
PROPER D.O.T. SHIPPING NAME Corrosive Liquids, n.o.s., (contains Phosphoric Acid), 8, UN 1760, PG III				
D.O.T. HAZARD CLASSIFICATION Corrosive Material				
SECTION II - INGREDIENTS AND IDENTITY INFORMATION				
% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
12.0	Phosphoric Acid	1mg/m ³	1mg/m ³	7664-38-2
10.0	Ammonium Sulfate	NE	NE	7783-20-2
>67.0	Soft Water	NE	NE	7732-18-5
<5.0	Octyl Dimethyl Amine Oxide	NE	NE	2605-78-9
<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.)	1.0 ± 0.2	
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION) 1:10	1.9 ± 0.2	
% VOLATILE BY WEIGHT	70.8	EVAPORATION RATE (Water=1)	1.0	
SPECIFIC GRAVITY	1.14	PRODUCT FORM	Liquid	
APPEARANCE AND ODOR	Clear Solution, Sassafras			
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. Self-contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion. Oxides of carbon, phosphorus, sulfur and nitrogen.			
SECTION V - REACTIVITY DATA				
STABILITY	Stable			
CONDITIONS TO AVOID	None known.			
INCOMPATIBILITY	Do not mix with chlorine bleach, caustics or alkali. Avoid contact with ferrous metals & Formica [®] .			
HAZARDOUS DECOMPOSITION PRODUCTS	None known.			
HAZARDOUS POLYMERIZATION	Will not occur.			

SECTION VI - HEALTH HAZARD DATA			
ROUTE(S) OF ENTRY:	INHALATION? Yes	SKIN? Yes	INGESTION? No
HEALTH HAZARDS (Acute and Chronic)			
Severe eye irritant. Moderate skin irritant. Not toxic by ingestion. Inhalation of mist may cause respiratory irritation.			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGNS AND SYMPTOMS OF OVEREXPOSURE			
For Eyes: Redness or a burning sensation. For Skin: Redness of skin or a warming sensation. For Inhalation: Irritation of throat.			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE			
None known.			
EMERGENCY AND FIRST AID PROCEDURES			
For Eyes: Flush with cool water for 15 minutes. 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 immediately. Never give anything by mouth to an unconscious person. For Inhalation: Remove to fresh air.			
SECTION VII - SPILL OR LEAK PROCEDURES			
SPILL RESPONSE			
Dilute with large amounts 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 Flush to sanitary sewer or send to sanitary landfill, following local, state and federal laws.			
SECTION VIII - SPECIAL PROTECTION INFORMATION			
EYE PROTECTION	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			
Footwear that keeps feet dry is suggested. Follow good personal hygiene practices.			
SECTION IX - SPECIAL PRECAUTIONS			
PRECAUTIONS IN HANDLING AND STORAGE	KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use. Store on low shelves. Store away from caustics and strong alkali. Store at room temperature. Rinse container before discarding.		
OTHER PRECAUTIONS NA = Not Applicable NE = Not Established	This product is regulated under CERCLA. (RQ=5,000 lbs.) 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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