

## **Buckeye International, Inc.**

2700 Wagner Place Maryland Heights, MO 63043 314/291-1900

## N. F. P. A.

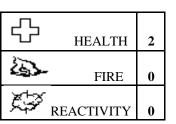
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



# **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.

SECTIO	ON I - IDEN	TIFICATION					
PRODUCT NAME						DATE PREPARED	
		<b>BUCKEYE</b> G	EL SCRUB			April 1, 2005	
CHEMICA	L FAMILY					CODE	
		Foaming Acid	Cleaner, Water B	Based		5220	
PROPER I	D.O.T.						
SHIPPING	NAME	Corrosive Liqu	uids, n.o.s., (conta	ins Phospho	ric Acid), 8,	UN 1760, PG III	
D.O.T. HA	ZARD		, , , , , , , , , , , , , , , , , , , ,		,,,,,	<u> </u>	
CLASSIFI	CATION	Corrosive Mat	erial				
SECTIO	ON II - INGI	REDIENTS A	ND IDENTITY I	NFORMA	ΓΙΟΝ		
% By WG7	Γ	MATERIAL		PEL	T.L.V.	C.A.S. NO.	
12.0	Phosphoric Acid	d		1mg/m <sup>3</sup>	1mg/m <sup>3</sup>	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, colori	ng and additives le	ess than 1%	NA	NA	NA	
ITEMS MA	ARKED * ARE SARA	TITLE III SEC 313 R	EPORTABLES. ALL IN	GREDIENTS ARE	ON TSCA INVE	NTORY.	
SECTIO	ON III - PHY	SICAL DATA	1				
BOILING POINT °F				pH (CONC.)		$1.0 \pm 0.2$	
SOLUBILITY IN WATER		Infinite		pH (USE DILUTION) 1:10		$1.9 \pm 0.2$	
% VOLATILE BY WEIGHT		70.8		EVAPORATION RATE (Water=1)		1.0	
SPECIFIC GRAVITY		1.14		PRODUCT FORM		Liquid	
APPEARA	NCE AND ODOR	Clear So	olution, Sassafras				
SECTIO	ON IV - FIR	E AND EXPL	OSION DATA				
FLASH POINT (Test Method) Tag C		Tag Cl	losed Cup: None	FLAMMABI		LE LIMITS	
EXTINGUISHING MEDIA		NA NA		UPPER LIMIT: NA		LOWER LIMIT: NA	
SPECIAL FI	RE FIGHTING PROC	CEDURES	W	ear acid resista	nt clothing.		
		<u> </u>	Se	lf-contained br	eathing appara	tus.	
UNUSUAL FIRE AND EXPLOSION HAZARDS			Products of combustion.				
			Ox	kides of carbon	, phosphorus, s	ulfur and nitrogen.	
SECTIO	ON V - REA	CTIVITY DA	TA				
STABILITY Stal		Stable					
CONDITIONS TO AVOID None k		nown.					
CONDITIO					1	. 1 0 E : ®.	
		Do not mix with c	hlorine bleach, caustics	or alkali. Avoi	a contact with re	rrous metals & Formica	
INCOMPA				or alkali. Avoid one known.	a contact with fer	rrous metals & Formica	

**CODE: 5220** 

## 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	VENTILATION		
	chemical splash goggles.		Normal room ventilation.	
SKIN	Rubber gloves or other	RESPIRATORY		
PROTECTION	impervious gloves.	PROTECTION	None required.	
OTHER				
PROTECTION Footwear that keeps feet dry is suggested.				

## SECTION IX - SPECIAL PRECAUTIONS

SECTION IX - SI ECINETICIONS					
PRECAUTIONS IN	KEEP OUT OF REACH OF CHILDREN!				
HANDLING AND STORAGE	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	This product is regulated under CERCLA. (RQ=5,000 lbs.)				
PRECAUTIONS	This product is not regulated under RCRA when product label and MSDS spill				
NA = Not Applicable	directions are followed. If more than 10,000 pounds is stored in a single day, product				
NE = Not Established	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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