

# **Buckeye International, Inc.**

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

N.	F.	P.	A.

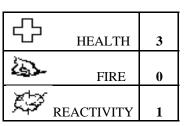
4 = Extreme

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	N I - IDEN	TIFICATIO	N			
PRODUCT NAME  BUCKEYE DY-PHASE						DATE PREPARED April 1, 2005
CHEMICA						CODE
		Acid Toilet	Bowl Cleaner, Wat	ter Based		5255
PROPER D		~ ~		_		
SHIPPING		Consumer C	ommodity, ORM-	ט		
D.O.T. HAZ		ODM D				
CLASSIFIC		ORM-D				
			AND IDENTITY	INFORMAT	<u> </u>	
% By WGT		MATERIAL		PEL	T.L.V.	C.A.S. NO.
16.1	Hydrochloric Acid*			5 ppm	5 ppm	7647-01-0
6.6	Phosphoric Acid	d		1 mg/m <sup>3</sup>	$1 \text{ mg/m}^3$	7664-38-2
>68.3	Soft Water			NE	NE	7732-18-5
<7.0	Ethoxylated All	-		NE	NE	61791-26-2
<2.0	Pefume, colorin	g and additives	less than 1%	NA	NA	NA
			SEC 313 REPORTABLE	ES. ALL INGRE	DIENTS ARE ON	N TSCA INVENTORY.
	N III - PHY	SICAL DAT		1		T
BOILING POINT °F		212°F	pH (CONC.)		<1.0	
		Miscible	pH (USE DILUTION) RTU		<1.0	
	VOLATILE BY WEIGHT 73.4			EVAPORATION RATE (Water=1)		1.0
	IC GRAVITY 1.13			PRODUCT FORM Liquid		Liquid
	NCE AND ODOR		Yellow Opaque Solut	10n		
			LOSION DATA			
	INT(Test Method)	9 1			FLAMMABL	
	SHING MEDIA		NA	UPPER LIMIT		LOWER LIMIT: NA
PECIAL F	FIRE FIGHTING P	ROCEDURES		Vear acid resista		1 1
				1	poisonous if inh	
DILICITAT	EIDE AND EVE	OGIONITAGAS			eathing apparati	us.
JNUSUAL	FIRE AND EXPL	OSION HAZAR		roducts of comb		
					and phosphoru	S.
	NAT TO TOTAL			lydrogen chloric	ae, chiorine.	
	ON V - REA					
TABILIT		Stable				
	ONS TO AVOID	None known.			11 11	
NCOMPA'			ot mix with chlorine bl	•		contact with metals.
	OUS DECOMPOSI		18   	None known.		
HAZARDO	OUS POLYMERIZA	ATION		Will not occu	ır.	

**CODE: 5255** 

## SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? Yes SKIN? Yes INGESTION? Yes

HEALTH HAZARDS (Acute and Chronic)

Corrosive. Will cause burns to eyes, skin and mucous membranes. Poison. May be fatal or harmful if swallowed.

Vapors may be irritating to mucous membranes. Breathing mist may cause pulmonary edema.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

For Eyes: Redness or burning sensation. For Skin: Redness of skin or a warming sensation.

For Inhalation: Irritation of throat. Headache. For Ingestion: Nausea.

MEDICAL CONDITIONS

GENERALLY AGGRAVATED BY EXPOSURE

None known.

#### EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush eyes with cool water for 15 minutes. Call physician immediately.

Skin Contact: Gently wipe off acid and wash with soap and water, then cover with moist magnesia or baking soda,

call physician.

Inhalation: Remove to fresh air. If conscious give lots of water to drink and get immediate medical attention.

Ingestion: Call physician immediately. Give a teaspoon or more of milk of magnesia or a cup of soapy water, followed with milk or raw egg whites. If these are not available, give two large glasses of water. Do NOT induce vomiting.

### 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 Flush to sanitary sewer or send to sanitary landfill,

METHOD following local, state and federal laws.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

EYE PROTECTION	Wear safety glasses or	VENTILATION	
	chemical splash goggles.		Adequate to keep vapors dispersed.
CVIN	Pubbar alouas or other	DECDIDATODY	<u> </u>

SKIN Rubber gloves or other RESPIRATORY

PROTECTION impervious gloves. PROTECTION None under normal use.

OTHER

PROTECTION Follow good personal hygiene practices.

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN	KEEP OUT OF REACH OF CHILDREN!
HANDLING AND STORAGE	Do not breathe vapors or fumes.

Store away from caustics and strong alkali.

Rinse container before discarding. Store at room temperature. Keep container closed when not in use. Store on low shelves.

OTHER 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 lbs. 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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