

## **Buckeye International, Inc.**

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

## N. F. P. A.

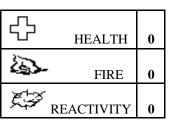
4 = Extreme

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	<b>FIFICATION</b>				
PRODUCT					DATE PREPARED	
		BUCKEYE ECHO			April 1, 2005	
CHEMICA	L FAMILY				CODE	
		Powdered Laundry Deterge	ent		5702	
PROPER D					-	
SHIPPING	NAME	Compound, Cleaning, Power	der			
D.O.T. HA						
CLASSIFIC	CATION	None				
SECTIO	ON II - INGI	REDIENTS AND IDENTI	TY INFORMAT	ΓΙΟΝ		
% By WGT		MATERIAL	PEL	T.L.V.	C.A.S. NO.	
>3.0	Sodium Chlorid	e	NE	NE	7647-14-5	
<46.0	Sodium Carbon	ate	NE	NE	497-19-8	
<17.0	Sodium Sesquic	arbonate	NE	NE	533-96-0	
<16.0	Sodium Citrate		NE	NE	68-04-2	
<9.0		icate Pentahydrate	NE	NE	6834-92-0	
< 6.0	Nonyl Phenol E	•	NE	NE	9016-45-9	
< 2.0		y Methyl Cellulose	NE	NE	9004-32-4	
<1.0	Perfume, colorii	ng and additives less than 1%	NA	NA	NA	
SECTIO	N III - PHY	ARA TITLE III SEC 313 REPORTA SICAL DATA		DIENTS ARE ON		
BOILING POINT °F		NA	pH (CONC.)		NA	
	TY IN WATER	Infinite	pH (USE DIL	· · · · · · · · · · · · · · · · · · ·	$11.5 \pm 0.2$	
	ILE BY WEIGHT	<1%		N RATE (Water=1)	NA	
SPECIFIC GRAVITY		56.3 lb/cu. ft. PRODUCT FORM		Powder		
	NCE AND ODOR	·				
SECTIO	ON IV - FIR	E AND EXPLOSION DAT	ΓA			
FLASH POINT(Test Method)		NA		FLAMMABL		
EXTINGUISHING MEDIA		NA	UPPER LIMIT	Γ: NA	LOWER LIMIT: NA	
SPECIAL I	FIRE FIGHTING P	ROCEDURES	None			
		1				
JNUSUAL	FIRE AND EXPL	OSION HAZARDS	Products of comb			
			Oxides of carbon	i, silicon and chl	orine.	
		CTIVITY DATA				
STABILIT'		Stable				
	ONS TO AVOID	None known.				
	TIBILITY	Do not mix with chloring				
	OUS DECOMPOSI		None known.			
1AZARDO	OUS POLYMERIZA	ATION	Will not occur.			

**CODE: 5702** 

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? No SKIN? Yes INGESTION? No

HEALTH HAZARDS (Acute and Chronic)

May cause eye and skin irritation.

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.

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 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.

Never give anything by mouth to an unconscious person.

### SECTION VII - SPILL OR LEAK PROCEDURES

SPILL RESPONSE

Sweep up material. Rinse area with clear water and allow floor to dry before allowing traffic.

WASTE DISPOSAL

METHOD

Send to sanitary landfill following local, state and federal laws.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

EYE PROTECTION	When eye contact may occur	VENTILATION	
wear safety glasses or chemical splash goggles.			Normal room ventilation.
SKIN	Rubber gloves or other	RESPIRATORY	
PROTECTION	impervious gloves.*	PROTECTION	None required.

OTHER

PROTECTION Follow good personal hygiene practices.

\*Needed for clean up of spill or for possible prolonged skin contact.

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN	KEEP OUT OF REACH OF CHILDREN!
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HANDLING AND STORAGE Keep container closed when not in use.

Store in cool dry area.

OTHER This product is not regulated under CERCLA or RCRA.
PRECAUTIONS Not reportable under SARA Title III, Section 311/312.

NA = Not Applicable NE = Not Established

## **PREPARED BY:** Mark Gindling, Director of Research

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