

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 3

FLAMMABILITY 0

INSTABILITY 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 - IDEN	TIFICATION					
PRODUCT NAME					DATE PREPARED	
	December 27, 2011					
CHEMICAL FAMILY	CODE					
	5016					
PROPER D.O.T.	110011 40 010	aner, Water Base			0010	
SHIPPING NAME	UN 1760 Cor	rosive Liquids, n	os (contain	s Ethanolamii	ne) & PG II	
D.O.T. HAZARD	011 1700, 001	1031ve Liquids, ii	.0.5. (Contain	5 Ethanolanni	10), 0, 1 0 11	
CLASSIFICATION	Corrosive Mat	terial				
SECTION II - ING	REDIENTS A	ND IDENTITY	INFORMA'	ΓΙΟΝ		
% By WGT	MATERIAL		PEL	T.L.V.	C.A.S. NO.	
5.0 Monoethanolamine			3 ppm	3 ppm	141-43-5	
>74.0 Water			NE	NE	7732-18-5	
<10.0 Propylene Glycol Phenyl Ether			NE	NE	770-35-4	
<5.0 Sodium Xylene Sulfonate			NE	NE	1300-72-7	
<5.0 Linear Alkyl Benzene Sulfonic Acid			NE	NE	68584-22-5	
<1.0 Perfume and Additives less than 1%		1%	NA	NA	NA	
ITEMS MARKED * ARE S.	ARA TITLE III SEG	C 313 REPORTABLES	S. ALL INGRED	DIENTS ARE ON	TSCA INVENTORY.	
SECTION III - PHY	SICAL DATA	1				
BOILING POINT °F	ILING POINT °F 212		pH (CONC.)		12.0 ± 0.2	
		Infinite	1:4 Dilution (pH 7 DI Water)		11.14 ± 0.2	
% VOLATILE BY WEIGHT			EVAPORATION RATE (Water=1)		1.0	
PECIFIC GRAVITY		1.03	PRODUCT FORM		Liquid	
APPEARANCE AND ODOR		Clear Pale Yellow S	olution; Sassafr	as Fragrance		
SECTION IV - FIR	E AND EXPL	OSION DATA				
FLASH POINT(Test Method)	Tag Closed Cup: None!		FLAMMABLI		E LIMITS	
EXTINGUISHING MEDIA	NA				LOWER LIMIT:	NA
SPECIAL FIRE FIGHTING P	ROCEDURES	V	Vear alkali resist	tant clothing.		
	•					
UNUSUAL FIRE AND EXPL	OSION HAZARDS	3	Products of c	ombustion.		
			Oxides of sul	fur, carbon and 1	nitrogen.	
SECTION V - REA	CTIVITY DA	TA				
STABILITY	Stable					
CONDITIONS TO AVOID	None ki	nown.				
INCOMPATIBILITY						
HAZARDOUS DECOMPOSITION PRODUCTS			None known.			
HAZARDOUS POLYMERIZ			Will not occu			

BUCKEYE PAD PAL CODE: 5016

SECTION VI - HEALTH HAZARD DATA

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

HEALTH HAZARDS (Acute and Chronic)

Corrosive. Will cause burns to eyes and skin.

Harmful or fatal if swallowed

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 Ingestion: Nausea, headache.

MEDICAL CONDITIONS

GENERALLY AGGRAVATED BY EXPOSURE

Dermatitis. Can cause defatting of skin tissue.

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.

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

FYF PROTECTION	VENTILATION

Wear safety glasses or chemical splash goggles. Maintain adequate room ventilation.

SKIN Rubber gloves or other RESPIRATORY

PROTECTION impervious gloves. PROTECTION None required.

OTHER Clothing and shoes that will keep the skin covered and dry is recommended.

PROTECTION Wash thoroughly with soap and water after handling.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS IN KEEP OUT OF REACH OF CHILDREN!

HANDLING AND Store at room temperature.

STORAGE Keep container closed when not in use. Store away from acids.

C. 1 1 1 D' 1 C 1 C 1'

Store on low shelves. Rinse container before discarding.

OTHER This product is not regulated under CERCLA or RCRA. If more than 10,000 lbs. is stored PRECAUTIONS in a single day, product may require reporting under SARA Title III, Section 311/312

NA = Not Applicable as an immediate health hazard. Product produced under one or more of the following NE = Not Established U.S. Patents: 5,080,822; 5,080,831; 5,158,710; 5,419,848; 5,585,341 and 5,849,682.

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PREPARED BY: Scott Maag, Vice President of Operations

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