



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
	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 - IDENTIFICATION				
PRODUCT NAME RAM			DATE PREPARED April 15, 2010	
CHEMICAL FAMILY Heavy Duty Cleaner Degreaser, Water Based			CODE 5014	
PROPER D.O.T. SHIPPING NAME Compound, Cleaning, Liquid				
D.O.T. HAZARD CLASSIFICATION None				
SECTION II - INGREDIENTS AND IDENTITY INFORMATION				
% By WGT	MATERIAL	PEL	T.L.V.	C.A.S. NO.
2.0	Sodium Metasilicate Anhydrous	NE	NE	6834-92-0
>82.0	Soft Water	NE	NE	7732-18-5
<7.0	Linear Primary Alcohol Ethoxylate	NE	NE	34398-01-1
<5.0	Sodium Xylene Sulfonate	NE	NE	1300-72-7
<2.0	Citric Acid	NE	NE	77-92-9
<2.0	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.)		11.25 ± 0.2
SOLUBILITY IN WATER	Infinite	1:1 Dilution (pH 7 DI Water)		11.0 ± 0.2
% VOLATILE BY WEIGHT	91.0	EVAPORATION RATE (Water=1)		1.0
SPECIFIC GRAVITY	1.03	PRODUCT FORM		Liquid
APPEARANCE AND ODOR Clear Green Solution; Mild, No Perfume Added				
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		None		
UNUSUAL FIRE AND EXPLOSION HAZARDS Oxides of carbon, silicon, and nitrogen.				
SECTION V - REACTIVITY DATA				
STABILITY	Stable			
CONDITIONS TO AVOID	None determined.			
INCOMPATIBILITY	Do not mix with chlorine bleach.			
HAZARDOUS DECOMPOSITION PRODUCTS	None known.			
HAZARDOUS POLYMERIZATION	Will not occur.			

SECTION VI - HEALTH HAZARD DATA			
ROUTE(S) OF ENTRY:	INHALATION? No	SKIN? Yes	INGESTION? No
HEALTH HAZARDS (Acute and Chronic)			
Will cause severe eye and slight skin irritation.			
Not toxic by ingestion.			
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			
Dermatitis			
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			
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			
EYE PROTECTION	Wearing safety glasses	VENTILATION	
	or chemical splash goggles is suggested.		Normal room ventilation.
SKIN PROTECTION	Wearing rubber gloves or other impervious gloves is suggested.	RESPIRATORY PROTECTION	None required.
OTHER PROTECTION			
Wash thoroughly with soap and water after handling.			
SECTION IX - SPECIAL PRECAUTIONS			
PRECAUTIONS IN HANDLING AND STORAGE	KEEP OUT OF REACH OF CHILDREN! Store at room temperature. Keep container closed when not in use.		
OTHER PRECAUTIONS	This product is not regulated under CERCLA. This product is not regulated under RCRA when product label and MSDS spill directions are followed. Not reportable under SARA Title III, Section 311/312.		
NA = Not Applicable			
NE = Not Established	Product produced under the following U.S. patent: 6,716,804.		
PREPARED BY:	Scott Maag, Director of Research		
Disclaimer of Liability			
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