

**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
	FIRE	0
	REACTIVITY	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 BUCKEYE UPPERCUT	DATE PREPARED April 1, 2005
CHEMICAL FAMILY Toilet Bowl Cleaner, Water Based	CODE 5225
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.
>44.0	Water	NE	NE	7732-18-5
<55.0	Organic Acid Salt	NE	NE	Blend
<1.0	Perfume, 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.)	< 1.0
SOLUBILITY IN WATER	Infinite	pH (USE DILUTION) 1:4	0.6
% VOLATILE BY WEIGHT	57%	EVAPORATION RATE (Water=1)	1.0
SPECIFIC GRAVITY	1.15	PRODUCT FORM	Liquid
APPEARANCE AND ODOR	White Opaque Solution, Wintergreen Fragrance		

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	Wear acid resistant clothing.		

UNUSUAL FIRE AND EXPLOSION HAZARDS	Products of combustion. Oxides of carbon and nitrogen.
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SECTION V - REACTIVITY DATA

STABILITY	Stable
CONDITIONS TO AVOID	None known.
INCOMPATIBILITY	Do not mix with chlorine bleach, caustics or alkali.
HAZARDOUS DECOMPOSITION PRODUCTS	None known.
HAZARDOUS POLYMERIZATION	Will not occur.

CODE: 5225

SECTION VI - HEALTH HAZARD DATA	
ROUTE(S) OF ENTRY:	INHALATION? No SKIN? Yes INGESTION? Yes
HEALTH HAZARDS (Acute and Chronic)	
Corrosive to eyes. Moderate skin irritant. May be 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.	
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	
EYE PROTECTION	VENTILATION
Wear safety glasses or chemical splash goggles.	Normal room ventilation.
SKIN PROTECTION	RESPIRATORY PROTECTION
Rubber gloves or other impervious gloves.	None required.
OTHER PROTECTION	
Follow good personal hygiene practices.	
SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS IN HANDLING AND STORAGE	KEEP OUT OF REACH OF CHILDREN! Keep container closed when not in use. Store at room temperature.
OTHER PRECAUTIONS NA = Not Applicable NE = Not Established	This product is not regulated under CERCLA. This product is not regulated under RCRA when product label and MSDS spill 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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