



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER BUCKEYE BLUE- NO PERFUME ADDED CODE: 5002		PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable	
PRODUCT USE All-Purpose Cleaner			
MANUFACTURER'S NAME BUCKEYE INTERNATIONAL, INC.		SUPPLIER'S NAME	
STREET ADDRESS 2700 WAGNER PLACE		STREET ADDRESS	
CITY MARYLAND HEIGHTS	PROVINCE MISSOURI, U.S.A.	CITY	PROVINCE
POSTAL CODE 63043-3471	MEDICAL EMERGENCY TELEPHONE NUMBER 1-800-303-0441	POSTAL CODE	EMERGENCY TELEPHONE NO.
TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053			

SECTION 2 - INGREDIENTS

INGREDIENTS	% wgt/wgt	CAS NUMBER	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES)
Alkyl Phenyl Polyethoxy Alcohol	Trade secret	Trade secret	Rat Oral 1.8 g/kg	No data found
Salt of Organic Acid	Trade secret	Trade secret	Rat Oral 4.1 g/kg	No data found
A claim for exemption has been filed with the Hazardous Materials Information Review Commission. Registry NO. 6635; 06/06/01.				

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE Mild, No Perfume Added - Clear Blue Solution			
VAPOUR PRESSURE (mmHG) Not Available	VAPOUR DENSITY (Air=1) Not Available	EVAPORATION RATE (Water =1) 1	BOILING POINT (°C) 100°	FREEZING POINT (°C) 0°
pH (CONC.) 11.2 ± 0.2	pH (USE DILUTION) 1:128 10.0 ± 0.2	SPECIFIC GRAVITY 1.04	COEFF. WATER/OIL DIST. Not Available	ODOUR THRESHOLD (ppm) Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY No	IF YES, UNDER WHICH CONDITIONS?	
MEANS OF EXTINCTION Not Applicable		
FLASHPOINT (°C) AND METHOD Tag Closed Cup-None!	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not Applicable
HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon and nitrogen.		
EXPLOSION DATA	SENSITIVITY TO IMPACT Not Applicable	SENSITIVITY TO STATIC DISCHARGE Not Applicable

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY Yes	IF NO, UNDER WHICH CONDITIONS?
INCOMPATIBILITY WITH OTHER SUBSTANCES? Yes	IF SO, WHICH ONES? Do not mix with chlorine bleach.
REACTIVITY, AND UNDER WHAT CONDITIONS None Known	
HAZARDOUS DECOMPOSITION PRODUCTS None Known	

PRODUCT IDENTIFIER

BUCKEYE BLUE- NO PERFUME ADDED CODE 5002

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY	SKIN CONTACT	SKIN ABSORPTION	EYE CONTACT	INHALATION	INGESTION
	Yes	Yes	Yes	No	No

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Moderate eye irritant. Not irritating to skin. Not toxic by ingestion. Oral feeding of rats resulted in no deaths at 5010mg/kg.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None Known

EXPOSURE LIMITS Not Available	IRRITANCY OF PRODUCT Skin irritation score (0.0)	SENSITIZATION TO PRODUCT No	CARCINOGENICITY No
TERATOGENICITY Fetotoxicity - Rat 1600 mg/kg in absence of maternal toxicity	REPRODUCTIVE TOXICITY Maternal toxicity Rat - 4270 mg/kg	MUTAGENICITY No	SYNERGISTIC PRODUCTS None Known

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) Rubber gloves or other chemical resistant gloves. Needed for clean up of spill or for prolonged skin contact.	RESPIRATOR (SPECIFY) None Required	EYE (SPECIFY) When eye contact may occur, wear safety glasses or chemical splash goggles.
FOOTWEAR (SPECIFY) Normal Footwear.	CLOTHING (SPECIFY) Normal Clothing	OTHER (SPECIFY) None under normal use

ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)

Normal room ventilation.

LEAK AND SPILL PROCEDURE

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

Flush to sanitary sewer or send to sanitary landfill following local, provincial and federal laws.

HANDLING PROCEDURES AND EQUIPMENT

Follow good personal hygiene practices.

STORAGE REQUIREMENTS

KEEP OUT OF REACH OF CHILDREN!
Store at room temperature. Keep container closed when not in use.

SPECIAL SHIPPING INFORMATION

Compound, Cleaning, Liquid.

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES

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: Call for medical advice immediately. DO NOT induce vomiting. Do not give anything by mouth unless directed to do so by a medical professional.

This product is regulated under WHMIS. (D.2.B)

HAZARD	NFPA	HMIS
HEALTH	1	1
FIRE	0	0
REACTIVITY	0	0

RATING

4 = EXTREME
3 = SERIOUS
2 = MODERATE
1 = SLIGHT
0 = MINIMAL

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY (GROUP, DEPARTMENT, ETC.) SCOTT MAAG - DIRECTOR OF RESEARCH	PHONE NUMBER (314) 291-1900	DATE 6/1/2006
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