



# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER <b>SYMMETRY INDUSTRIAL HAND CLEANER</b>		PRODUCT IDENTIFICATION NUMBER (PIN) <b>Not Applicable</b>	
PRODUCT USE <b>Hand Soap</b>		CODE: <b>9018</b>	
MANUFACTURER'S NAME <b>BUCKEYE INTERNATIONAL, INC.</b>		SUPPLIER'S NAME	
STREET ADDRESS <b>2700 WAGNER PLACE</b>		STREET ADDRESS	
CITY <b>MARYLAND HEIGHTS</b>	PROVINCE <b>MISSOURI, U.S.A.</b>	CITY	PROVINCE
POSTAL CODE <b>63043-3471</b>	MEDICAL EMERGENCY TELEPHONE NUMBER <b>1-800-228-5635</b>	POSTAL CODE	EMERGENCY TELEPHONE NO.
TRANSPORTATION EMERGENCY TELEPHONE NUMBER <b>1-800-535-5053</b>			

## SECTION 2 - INGREDIENTS

INGREDIENTS	%	CAS NUMBER	LD <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF INGREDIENT (SPECIFY SPECIES)
Deionized Water	60-100	7732-18-5	Not Available	Not Available
Sodium Laureth Sulfate	3-7	68585-34-2	Rat oral 10 ml/kg	Not Available
Alkyl Polyglucoside	1-5	Blend	Rat oral > 5 mg/kg	Not Available
Cosmetic Emollient	1-5	Blend	Rat oral > 2000 mg/kg	Not Available
Walnut Shell Powder	1-5	NA	Not Available	Not Available

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE <b>Liquid</b>	ODOUR AND APPEARANCE <b>Citrus Fragrance; Green Opaque Emulsion</b>			
VAPOUR PRESSURE (mmHG) <b>Not Available</b>	VAPOUR DENSITY (Air=1) <b>Not Available</b>	EVAPORATION RATE (Water =1) <b>1.0</b>	BOILING POINT (°C) <b>100°</b>	FREEZING POINT (°C) <b>0°</b>
pH (CONC.) <b>6.5 ± 0.5</b>	pH (USE DILUTION) RTU <b>6.5 ± 0.5</b>	SPECIFIC GRAVITY <b>0.90-1.00</b>	COEFF. WATER/OIL DIST. <b>Not Available</b>	ODOUR THRESHOLD (ppm) <b>Not Available</b>

## SECTION 4 - FIRE AND EXPLOSION DATA

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

## SECTION 5 - REACTIVITY DATA

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

PRODUCT IDENTIFIER  
**SYMMETRY INDUSTRIAL HAND CLEANER CODE: 9018**

**SECTION 6 - TOXICOLOGICAL PROPERTIES**

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

EFFECTS OF ACUTE EXPOSURE TO PRODUCT  
**May cause eye irritation, but not to an extent to be regulated under WHMIS.**

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT  
**None Known**

EXPOSURE LIMITS Not Available	IRRITANCY OF PRODUCT May cause eye irritation.	SENSITIZATION TO PRODUCT Not Available	CARCINOGENICITY No
TERATOGENICITY No	REPRODUCTIVE TOXICITY No	MUTAGENICITY No	SYNERGISTIC PRODUCTS None Known

**SECTION 7 - PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY) None Required	RESPIRATOR (SPECIFY) None Required	EYE (SPECIFY) None Required
FOOTWEAR (SPECIFY) Normal Footwear	CLOTHING (SPECIFY) Normal Clothing	OTHER (SPECIFY) None Required

ENGINEERING CONTROLS (SPECIFY: e.g. VENTILATION, ENCLOSED PROCESS.)  
**None Required.**

LEAK AND SPILL PROCEDURE  
 Will cause slippery surfaces. 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. When using product, do not rub eyes.

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

SPECIAL SHIPPING INFORMATION  
**Toilet Preparations**

**SECTION 8 - FIRST AID MEASURES**

SPECIFIC MEASURES  
 For Eyes: Flush with cool 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.

Complies with US FDA regulations for cosmetic products.

			<b><u>RATING</u></b>
			4 = EXTREME
			3 = SERIOUS
			2 = MODERATE
			1 = SLIGHT
			0 = MINIMAL
<b>HAZARD</b>	<b>NFPA</b>	<b>HMIS</b>	
HEALTH	0	0	
FLAMMABILITY	0	0	
INSTABILITY	0	0	

**SECTION 9 - PREPARATION DATE OF MSDS**

PREPARED BY (GROUP, DEPARTMENT, ETC.) SCOTT MAAG - VICE PRESIDENT OF OPERATIONS	PHONE NUMBER (314) 291-1900	DATE February 15, 2015
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