



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

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|---|---|--|-------------------------|
| PRODUCT IDENTIFIER PINK FOAMING HANDWASH | | PRODUCT IDENTIFICATION NUMBER (PIN) Not Applicable | |
| PRODUCT USE Hand Soap | | CODE: 9001 | |
| 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 1-800-228-5635 | POSTAL CODE | EMERGENCY TELEPHONE NO. |
| TRANSPORTATION EMERGENCY TELEPHONE NUMBER 1-800-535-5053 | | | |

SECTION 2 - INGREDIENTS

| INGREDIENTS | % | CAS NUMBER | LD ₅₀ OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC ₅₀ OF INGREDIENT (SPECIFY SPECIES) |
|------------------------|--------|------------|---|---|
| Deionized Water | 60-100 | 7732-18-5 | Not Available | Not Available |
| Alpha Olefin Sulfonate | 3-7 | 68784-79-2 | Rat Oral 2.5 g/kg | Not Available |
| Cocamide MEA | 1-5 | 68140-00-1 | Not Available | Not Available |
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SECTION 3 - PHYSICAL DATA

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| PHYSICAL STATE Liquid | ODOUR AND APPEARANCE Floral, Pink Clear Solution | | | |
| VAPOUR PRESSURE (mmHG) Not Available | VAPOUR DENSITY (Air=1) Not Available | EVAPORATION RATE (Water =1) 1.0 | BOILING POINT (°C) 100° | FREEZING POINT (°C) 0° |
| pH (CONC.) 8.7 ± 0.5 | pH (USE DILUTION) RTU 8.7 ± 0.5 | SPECIFIC GRAVITY 1.00 ± 0.01 | 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 sulfur. | | | | |
| EXPLOSION DATA | SENSITIVITY TO IMPACT Not Applicable | | SENSITIVITY TO STATIC DISCHARGE Not Applicable | |

SECTION 5 - REACTIVITY DATA

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|--|---|--|--|--|
| 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
PINK FOAMING HANDWASH CODE: 9001

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 Not Available | 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.

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

SECTION 9 - PREPARATION DATE OF MSDS

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| PREPARED BY (GROUP, DEPARTMENT, ETC.) SCOTT MAAG - DIRECTOR OF RESEARCH | PHONE NUMBER (314) 291-1900 | DATE March 1, 2009 |
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