MATERIAL SAFETY DATA SHEET  

SECTION 1 - PRODUCT IDENTIFICATION  
Product Name: PINE SCRUB SOAP (AP401)  
Supplier’s Name: Banner Chemical Corp.  
Supplier’s Address: 111 Hill St. Orange, N.J. 07050  
Chemical Family: CLEANING COMPOUND  
Proper Shipping Name: CLEANING COMPOUND  
DOT Shipping Hazard: N/A  
DOT Labels Required: N/A  
EMERGENCY TELEPHONE NUMBER 973/676-2900  
HMIS RATING (0-4): HEALTH: 0  
FIRE: 0  
REACTIVITY: 0  
EFFECTIVE DATE 6/04

SECTION 2 - HAZARDOUS INGREDIENTS  
CHEMICAL NAME                                      CAS NO.          % (optional)                  TLV(ACGIH)  
*Sodium Hydroxide                                  1310-73-2        >0.5                                   2.0 mg/M^3\footnote{This toxic chemical is subject to reporting requirements of Sec. 313-SARA Title III-40CFR. Part 372.}

SECTION 3 - PHYSICAL DATA  
BOILING POINT: c. 212°F.  
FLASH POINT: None at boiling  
VAPOR PRESSURE (mmHg @ 20°C): 18  
FLAMMABLE LIMITS: N/A  
VAPOR DENSITY (air=1): Unknown  
EXTINGUISHING MEDIA: Media proper to primary cause of fire.  
SPECIFIC GRAVITY: 1.0-1.1  
SPECIAL FIREFIGHTING PROCEDURES: None known  
PHYSICAL DESCRIPTION: Brown/amber viscous liquid; pine fragrance  
pH: 7.5-8.5  
UNUSUAL FIRE & EXPLOSION HAZARD: None known  
SOLUBILITY IN WATER: 100%  
EVAPORATION RATE:  1  
% VOLATILE BY VOLUME: 90-95

SECTION 4 - FIRE and EXPLOSION DATA  
STABILITY: Stable under normal conditions  
SPILLAGE: Contain spill and absorb with Ban-dri, earth, sand or similar inert material.  
HAZARDOUS DECOMPOSITION PRODUCTS: None known  
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 5 - HEALTH HAZARD DATA  
THRESHOLD LIMIT VALUE: Undetermined  
EFFECTS OF OVEREXPOSURE: EYES & SKIN: May cause irritation or redness. INGESTION: May cause nausea, vomiting, diarrhea.  
EMERGENCY & FIRST AID PROCEDURES: EYE: Flush with copious amount of water for at least 15 min. SKIN: Remove contaminated clothing & wash skin thoroughly. INHALATION: Remove to fresh air. INGESTION: General precautionary measures suggest induce vomiting immediately. Never give anything by mouth to an unconscious person. In all cases consult a physician.

SECTION 6 - REACTIVITY DATA  
STABILITY: Stable under normal conditions  
INCOMPATIBILITY: Strong acids; oxidizers

SECTION 7 - SPILL or LEAK PROCEDURES  
WASTE DISPOSAL METHOD: In a manner consistent with federal, state and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION  
RESPIRATORY PROTECTION: Can use N-IOSH respirator.  
VENTILATION: Local exhaust sufficient.  
GLOVES: Rubber or plastic coated should be used.  
EYE PROTECTION: Safety glasses or shield if splashing expected.  
OTHER PROTECTIVE EQUIPMENT: Clothing cover can be used.

SECTION 9 - SPECIAL PRECAUTIONS  
Do not get in eyes or on skin. Wash thoroughly after handling. Use with adequate ventilation. Store away from other chemicals and out of the reach of children. Store in a closed container away from fire and extreme heat. Keep from freezing. Use protective equipment.

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