

MATERIAL SAFETY DATA SHEET

N/A=NOT APPLICABLE

EFFECTIVE DATE 05/06

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: WATERLESS CLEANER (SB601) Chemical Family: SOLVENT CLEANER
 Supplier's Name: Banner Chemical Corp. Proper Shipping Name: CLEANING COMPOUND
 Supplier's Address: 111 Hill St. DOT Shipping Hazard: N/A
 Orange, N.J. 07050 DOT Labels Required: N/A
 EMERGENCY TELEPHONE NUMBER 973-676-2900 HMIS RATING (0-4): HEALTH: 2 FIRE: 2 REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	% (optional)	TLV(ACGIH)
Solvent Naphtha	64742-88-7	100	100ppm.

SECTION 3 - PHYSICAL DATA

BOILING POINT: 315-350°F
 VAPOR PRESSURE (mmHg @100°F): 7
 VAPOR DENSITY (air=1): 4.8
 SPECIFIC GRAVITY: .75-.79

SECTION 4 - FIRE and EXPLOSION DATA

FLASH POINT: 109°F
 FLAMMABLE LIMITS: LOWER: 1 UPPER: 7
 EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical
 SPECIAL FIREFIGHTING PROCEDURES: COMBUSTIBLE. Self-contained breathing apparatus with full face piece operated under positive pressure. Water may be used to cool containers to prevent pressure build-up and possible explosion when exposed to extreme heat.

PHYSICAL DESCRIPTION: Light colored, clear liquid with hydrocarbon aroma.

pH: 8.5-9.5

UNUSUAL FIRE & EXPLOSION HAZARD: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material point. Keep away from heat, sparks and open flame. CLOSED MAY EXPLODE (DUE TO BUILD-UP OF STEAM EXPOSED TO EXTREME HEAT.

handling

CONTAINER

PRESSURE) WHEN

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE: 0.1

% VOLATILE BY VOLUME: 100%

SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 100ppm.

EFFECTS OF OVEREXPOSURE: ACUTE: EYES: Can cause severe irritation, redness, tearing, blurred vision. SKIN: Prolonged or repeated contact can cause moderate irritation and dermatitis. INHALATION: Can cause nasal and respiratory irritation, dizziness and nausea. Aspiration into the lungs can cause chemical pneumonitis, which can be fatal. INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. CHRONIC EXPOSURE: Solvents have been reported to cause permanent brain and nervous system damage with possible liver and kidney damage, respiratory and skin sensitization. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE VAPORS MAY BE HARMFUL OR FATAL

EMERGENCY & FIRST AID PROCEDURES: SKIN: Wash with soap and water for at least 15 min. EYES: Flush immediately with water while holding eyelids open for 15 min. INHALATION: Remove victim to fresh air. If breathing is difficult administer oxygen. INGESTION: Do not induce vomiting. Never give anything by mouth to an unconscious person. In all cases consult a physician.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable under normal conditions

SECTION 7 - SPILL or LEAK PROCEDURES

SPILLAGE: Contain spill and absorb with Ban-dri, earth, sand or similar inert material. Eliminate all sources of ignition, flame, sparks, etc.

INCOMPATIBILITY: Strong oxidizing agents WASTE DISPOSAL METHOD: In a manner consistent with federal, state and local regulations

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, various hydrocarbon compounds.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use N-IOSH respirator or gas mask

VENTILATION: Sufficient to prevent exceeding recommended exposure limit or build-up of explosive concentrations of vapor in air. Use explosion-proof equipment. No smoking or open lights.

GLOVES: Chemical resistant should be used

EYE PROTECTION: Safety glasses or shield if splashing expected

OTHER PROTECTIVE EQUIPMENT: Chemical resistant clothing cover can be used

SECTION 9 - SPECIAL PRECAUTIONS

Use non-sparking tools. 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. Store to prevent fire or explosion risk from static accumulation and discharge, effectively ground product transfer system in accordance with the NFPA standard for petroleum products. Empty containers retain residue and can be dangerous. Do not pressurize, cut, weld or expose such containers to heat, flame, sparks or other sources of ignition. Use protective equipment.

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