

MATERIAL SAFETY DATA SHEET (MSDS)

MANUFACTURER'S NAME: H & P INDUSTRIES  
ADDRESS: 9640 SOUTH 60TH STREET  
FRANKLIN, WI 53132  
EMERGENCY TELEPHONE NUMBER: (414) 421-3300

PRODUCT NAME: ANTISEPTIC BZK TOWELETTE

TRADE NAME AND SYNONYMS: BZK  
CHEMICAL FAMILY: ALDEHYDE  
FORMULA: C<sub>14</sub> 50% C<sub>12</sub> 40% C<sub>16</sub> 10%

HAZARDOUS INGREDIENTS

NONE PRESENT

PAINTS, PRESERVAT., SOLVENTS

PIGMENTS: N/A CATALYST: N/A VEHICLE: DEIONIZED WATER 71%  
SOLVENTS: IPA 28% 400 TLV (70% ISOPROPYL ALCOHOL) ADDITIVES: QUATERNARY (BZK) < 1%

ALLOYS & METLC. COAT

BASE METAL: N/A ALLOYS: N/A METALLIC COAT.: N/A FILLER MET. + COAT.: N/A  
OTHERS: N/A

PHYSICAL DATA

BOIL POINT (F): > 180°  
VAPOR PRESS. (mm Hg): N/A SPECIFIC GRAV. (H<sub>2</sub>O=1): 0.980  
VAPOR DENS. (AIR=1): > 2.0 % VOLATILE BY VOLUME: 28%  
SOLUBILITY IN WATER: SOLUBLE EVAP. RATE (H<sub>2</sub>O=1): > 7.0  
APPEARANCE AND ODOR: CLEAR, COLORLESS WITH LEMON-LIME FRAGRANCE AND SLIGHT ALCOHOLIC ODOR

FIRE AND EXPLOSION HAZARD DATA

FLASH PT.: 50°F (OPEN CUP) FLAMMABLE LIM.: LEL UEL  
EXTINGUISHING MEDIA: H<sub>2</sub>O FOG. CO<sub>2</sub>, DRY CHEMICAL, FOAM  
SPECIAL FIRE FIGHTING PROCEDURES: FLOOD WITH WATER  
USUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NONE ESTABLISHED  
EFFECTS OF OVEREXPOSURE: NONE EXPECTED  
EMERGENCY AND FIRST AID PROCEDURES: IF SWALLOWED, INDUCE VOMITING AND CALL A PHYSICIAN.  
WITH EYE CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER.

REACTIVITY DATA

STABILITY: STABLE COND. TO AVOID: N/A  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS & ISOCYANATE &  
ORGANOMETALLIC CONTAMINATION, ANAHYDRIDES.  
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, NITROUS OXIDE. AMMONIA  
MAY BE PRESENT IN SMALL AMOUNTS.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR COND. TO AVOID: N/A

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL SOURCES OF  
IGNITION AND FLUSH WITH COPIOUS AMOUNTS OF WATER.  
WASTE DISPOSAL METHOD: ATOMIZE INTO AN INCINERATOR WHERE APPROPRIATE FEDERAL, STATE AND  
LOCAL REGULATIONS ALLOW.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A VENTILATION: LOCAL EXHAUST, MECHANICAL  
PROTECTIVE GLOVES EYE PROTECTION: GOGGLES, USE EYE BATH IF CONTACT  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: FLAMMABLE, KEEP AWAY FROM SPARKS OR FLAME