

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: HEICO PERMA WASH
PRODUCT CODE(S): HG85, HG87, HG89
DATE: 04/01/2002

MANUFACTURER: BRANDESS/KALT/AETNA
701 CORPORATE WOODS PKWY
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EMERGENCY PHONE # CHEMTREC 800-424-9300.

PHYSICAL DATA: LIQUID SOLUTION
SYNONYMS: NONE
CHEMICAL FAMILY: SULFITES

SECTION II HAZARDOUS INGREDIENTS

COMPONENTS	CAS #	WEIGHT %
TRADE SECRET AMMONIUM SULFITE, MONOHYDRATE	10196-04-0	Less than 20%
SODIUM 2-ETHYLHEXYL SULFATE ETHYLHEXYL SULFATE, SODIUM SALT	126-92-1	Less than 5%
TRADE SECRET		

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 185°F
COLOR: WATER WHITE
SOLUBILITY IN WATER: COMPLETE
EVAPORATION RATE: N/A
STABILITY: PRODUCT IS STABLE UNDER NORMAL CONDITIONS
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: 1.10 MINIMUM

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: CO₂, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: POSSIBLE BURNING IN FIRE RELEASING TOXIC VAPORS.
UNUSUAL FIRE & EXPLOSION HAZARDS: MAY GENERATE AMMONIA GAS, SULFUR DIOXIDE OR TRIOXIDE GASES. AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.
CONDITIONS TO AVOID: OXIDIZING AGENTS AND HIGH TEMPERATURES. MIXING WITH ALKALINE SUBSTANCES RELEASES AMMONIA GAS. SLOWLY REACTS WITH OXYGEN.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: WHEN HEATED TO DECOMPOSITION, THIS PRODUCT CAN RELEASE SULFUR DIOXIDE GAS AND AMMONIA.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI HEALTH HAZARD DATA

CHRONIC EFFECTS OF OVEREXPOSURE: NONE KNOWN
ACUTE TOXICOLOGICAL PROPERTIES: NO DATA AVAILABLE
EMERGENCY AND FIRST AID PROCEDURES:
EYES: MAY CAUSE SEVERE EYE IRRITATION. IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN: MAY CAUSE SKIN IRRITATION. IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF COLD WATER FOR AT LEAST 15 MINUTES. WASH WITH WARM SOAPY WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
IF SWALLOWED: MAY CAUSE NAUSEA, VOMITING, DIARRHEA, STOMACH PAIN, AND BLEEDING. DILUTE WITH MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

IF SMALL RELEASE: ABSORB WITH AN INERT MATERIAL THEN PLACE IN A CHEMICAL WASTE CONTAINER.
WASTE DISPOSAL METHOD: FLUSH AREA WITH LARGE AMOUNTS OF COLD WATER. COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION: NONE GENERALLY REQUIRED.
VENTILATION: LOCAL, ADEQUATE EXHAUST
EYES: CONTACT LENSES SHOULD NOT BE WORN. WEAR CHEMICAL GOGGLES.
PROTECTIVE GLOVES: NEOPRENE RUBBER GLOVES.

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