

MATERIAL SAFETY DATA SHEET

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

SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: BRANDESS/KALT/AETNA
701 CORPORATE WOODS PKWY
VERNON HILLS, IL 60061
847-821-4237

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.

the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.