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MATERIAL SAFETY DATA SHEET:  
POTASSIUM ACETATE, CRYSTAL  
CATALOG NUMBER: AB01648

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SECTION I - INGREDIENTS

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PRODUCT: POTASSIUM ACETATE, CRYSTAL  
GRADE: ULTRA PURE/ACS/USP  
FORMULA: CH3COOK  
FORMULA WEIGHT: 98.14  
NIOSH (RTECS) NUMBER: AJ3325000  
CAS NUMBER: 127-08-2

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SECTION II - PHYSICAL/CHEMICAL CHARACTERISTICS

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APPEARANCE AND ODOR: WHITE CRYSTALLINE

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SECTION III - FIRE AND EXPLOSION HAZARD DATA

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EXTINGUISHING MEDIA: WATER SPRAY, CO2, DRY CHEMICAL POWDER/APPROPRIATE  
FOAM SPECIAL FIRE FIGHTING PROC: WEAR SELF CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES.  
UNUSUAL FIRE AND EXPL HAZRDS: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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SECTION VI - REACTIVITY DATA

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STABILITY: YES  
COND TO AVOID (STABILITY): FIRE, MOISTURE  
MATERIALS TO AVOID: STRONG OXIDIZING AGENTS  
HAZARDOUS DECOMP PRODUCTS: CO, CO2  
HAZARDOUS POLY OCCUR: NO

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SECTION V - HEALTH HAZARD DATA

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LD50-LC-50 MIXTURE: ORAL LD50(RAT): 3250 MG/KG  
ROUTE OF ENTRY - INHALATION: YES  
ROUTE OF ENTRY - SKIN: YES  
ROUTE OF ENTRY - INGESTION: YES  
HEALTH HAZ ACUTE AND CHRONIC: MAY BE HARMFUL BY INHALATION, INGESTION/SKIN  
ABSORPTION. MAY CAUSE IRRITATION.  
CARCINOGENICITY - NTP: NO  
CARCINOGENICITY - IARC: NO  
CARCINOGENICITY - OSHA: NO  
EXPLANATION CARCINOGENICITY: NONE  
SIGNS/SYMPTOMS OF OVEREXP: IRRITATION  
EMERGENCY/FIRST AID PROC: EYES: IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF  
WATER FOR 15 MINS. SKIN: IMMEDIATELY WASH W/SOAP & COPIOUS AMOUNTS OF  
WATER.  
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NECESSARY. INGESTION:  
WASH OUT MOUTH W/WATER IF CONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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## SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

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STEPS IF MATL RELEASED/SPILL: WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL AVOID RAISING DUST. VENTILATE AREA & WASH SITE AFTER MATERIAL PICKUP IS COMPLETE WASTE DISPOSAL METHOD: DISSOLVE/MIX THE MATERIAL W/A COMBUSTIBLE SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.PRECAUTIONS-HANDLING/STORING: STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED OTHER PRECAUTIONS: AVOID BREATHING DUST. AVOID CONTACT W/EYES, SKIN & CLOTHING.

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## SECTION VII - CONTROL MEASURES

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RESPIRATORY PROTECTION: USE NIOSH/MSHA-APPROVED RESPIRATOR.  
VENTILATION: MECHANICAL EXHAUST  
PROTECTIVE GLOVES: CHEMICAL RESISTANT  
EYE PROTECTION: CHEMICAL SAFETY GOGGLES  
WORK HYGIENIC PRACTICES: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

REVISION DATE 10/01/05