

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.hookerhemp.com/cas-125/125-61-zinc.html> for suppliers of this product.

### Composition/Information on Ingredient

125-04-2

**Code:**  
M

**RTECS:**  
GM9015000

**Code:**  
M

**Name:**  
CORTISOL, SUCCINATE, SODIUM SALT

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**  
ACGIH TLV: NOT ESTABLISHED

**Code:**  
1 OSHA STEL:

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIH STEL:**  
N/P

**Code:**

### Respiratory Protection:

**Ventilation:**  
LOCAL EXHAUST 3

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GLASSES WITH SIDE SHIELDS.

**Other Protective Equipment:**  
Equipment NONE SPECIFIED BY MANUFACTURER.

**Work Hygienic Practices:**  
WASH HANDS THOROUGHLY AFTER HANDLING THIS MATERIAL.

**Supplemental Safety and Health:**  
500.000 MILLIGRAMS HYDROCORTISONE EQUIVALENT. 4.000 MILLILITERS AFTER RECONSTITUTION.

**LD50LC50Mixture:**

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
THERE ARE NO ADVERSE EFFECTS OVEREXPOSURE ANTICIPATED DURING NORMAL HANDLING OF THIS PRODUCT. CORTICOSTEROIDS AFFECT CARBOHYDRATE, PROTEIN AND FAT METABOLISM; ELECTROLYTE AND WATER BALANCE; FUNCTIONS OF THE CARDIOVASCULAR SYSTEM, NERVOUS SYSTEM AND OTHER ORGANS AND TISSUES. CHRONIC: PITUITARY-ADRENAL SUPPRESSION.

**Explanation Of Carcinogenicity:**  
NOT APPLICABLE

**Signs And Symptoms Of Overexposure:**  
CHRONIC OVEREXPOSURE TO CORTICOSTEROIDS MAY PRODUCE CUSHING'S SYNDROME, INCREASED SUSCEPTIBILITY TO INFECTIONS, IMPAIRED WOUND HEALING, OSTEOPOROSIS, CATARACTS, GLAUCOMA WITH POSSIBLE DAMAGE TO OPTIC NERVE, INSOMNIA, MOOD SWINGS, PERSONALITY CHANGES, HYPERGLYCEMIA AND GLYCOSURIA, MUSCULAR WEAKNESS AND FATIGUE, ACNE.

**Medical Cond Aggravated By Exposure:**  
2 CORTICOSTEROIDS EXHIBIT ENHANCED EFFECTS ON PERSONS WITH HYPOTHYROIDISM OR CIRRHOSIS.

**First Aid:**  
EYES: IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE LIFTING EYELIDS OPEN. SKIN: WASH WITH SOAP AND PLENTY OF WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: CONTACT A PHYSICIAN OR POISON CONTROL CENTER.

**Spill Release Procedures:**  
PROVIDE VENTILATION & CONFINE SPILL. DO NOT ALLOW RUNOFF TO SEWER. CLEAN-UP PERSONNEL SHOULD USE RESPIRATORY AND LIQUID CONTACT PROTECTION. VACUUM (WITH HEPA-FILTERED AND EXPLOSION-PROOF EQUIPMENT) OR SCOOP SPILLED MATERIAL AND PLACE IN CONTAINER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
AVOID CONTACT WITH SKIN, EYES AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE. KEEP OUT OF REACH OF CHILDREN.

**Other Precautions:**  
STORE UNDILUTED PRODUCT AT CONTROLLED ROOM TEMPERATURE 15-30C; DILUTED PRODUCT AT 15-30C AND PROTECT FROM LIGHT

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONFLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
CARBON DIOXIDE, DRY CHEMICAL, WATER.

**Fire Fighting Procedures:**  
WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRES. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

**Unusual Fire/Explosion Hazard:**  
GROUND MECHANICAL EQUIPMENT IN CONTACT WITH THE MATERIAL TO PREVENT STATIC ELECTRICITY. KEEP OUT OF DRAINS; PREVENT ENTRY TO SURFACE WATER, GROUNDWATER, SOIL.

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
169-171.2C

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
FREELY SOLUBLE

**Appearance and Odor:**  
WHITE TO OFF-WHITE AMORPHOUS POWDER IN COMPARTMENTALIZED VIALS.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

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**Reactivity Data**

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
CARBON DIOXIDE, CARBON MONOXIDE.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

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## Toxicological Information

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**Information:**N/P

**Sara Title III Information:** N/P

**Federal Regulatory Inf**

**State Regulatory Info**