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MSDS  
NIACET  
**CALCIUM ACETATE**  
  
Issued: January 2011

**EMERGENCY PHONE NUMBER: (800) 424 9300, (202) 483-7616**

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# MATERIAL SAFETY DATA SHEET

## CALCIUM ACETATE

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### **SECTION I - PRODUCT IDENTIFICATION**

Product Name: NIACET Calcium Acetate, FCC & Tech  
Chemical Synonyms: calcium diacetate, CAC  
Chemical Family: organic acid, calcium salt  
Chemical Formula:  $(C_2H_3O_2)_2Ca$

### **SECTION II - INGREDIENTS**

	<u>% by wt.</u>	<u>CAS #</u>
Calcium Acetate (dry basis)	99 min	62-54-4
Water	7 max	7732-18-5

### **SECTION III - PHYSICAL DATA**

Molecular Weight:	167.10	Appearance:	white powder/granules
pH of 10% Aq Soln:	6.3 to 8.3	Odor:	odorless
Melting Point:	445 °C (decomposes)	Boiling Point:	not applicable
Vapor Pressure:	not applicable	Bulk Density:	approx. 25-35 lbs./cu. ft.
Solubility in Water:	26% at 20°C	Reactivity in Water:	does not react

### **SECTION IV - FIRE & EXPLOSION HAZARD**

Flash Point: None by Tag Closed Cup    Auto-Ignition Temperature: Not Applicable  
Flammable Limits: Not Determined  
Unusual Hazards: Avoid dispersion of dust.  
Extinguishing Media: Appropriate media for surrounding fire.

### **SECTION V - REACTIVITY DATA**

Hazardous Decomposition Products: Carbon monoxide  
Hazardous Polymerization: Will not occur.  
Incompatibility: Strong oxidizing agents

### **SECTION VI - TOXICITY DATA**

Calcium Acetate is a non-toxic food chemical and **Generally Recognized As Safe** by the FDA  
Occupational Exposure: No exposure limits have been set by OSHA, NIOSH or ACGIH.  
Carcinogen: IARC: NO, NTP: NO, OSHA: NO

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## **SECTION VII - HEALTH HAZARD INFORMATION**

### Primary Routes of Exposure:

Ingestion: If swallowed, wash mouth out with water.  
Eye Contact: Can cause irritation. Flush with water for at least 15 minutes, hold eyelids open.  
Get medical attention.  
Skin Contact: May cause irritation of the skin. Wash area with soap and water.  
Get medical attention if irritation persists.  
Inhalation: If irritation develops, remove to fresh air.

### Effects of Overexposure:

Dust, in high concentration, may cause irritation of eyes, nose and throat.

### Medical Conditions Aggravated by Exposure:

None identified. Handle with reasonable care.

## **SECTION VIII - EMPLOYEE PROTECTION**

Protective Clothing: Appropriate work apparel. Plastic or rubber gloves optional.  
Eye Protection: Safety glasses should always be worn when working with chemicals.  
Respiratory Protection: Material should be handled in a manner that does not produce airborne particles.  
If dust is a problem a dust mask or respirator is recommended.

## **SECTION IX - SPILL AND DISPOSAL PROCEDURES**

### Action to be Taken for Spills:

Wear suitable protective clothing including a respirator or dust mask. Sweep up spillage and collect for disposal. Wash down area with large quantities of water.

### Disposal Methods:

Material is biodegradable. Dispose of in accordance with applicable Federal, state and local regulations.

## **SECTION X - OTHER REGULATORY CONTROLS**

Calcium Acetate	TSCA Inventory:	YES (all ingredients)
	OSHA Hazard:	NO
	Regulated under RECRA:	NO
	Regulated under CERCLA:	NO
	Regulated under SARA Title III:	NO

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The information herein is given in good faith and believed to be accurate and has been compiled from sources believed to be reliable. Buyer assumes all risk of use, storage and handling of this product in compliance with applicable federal, state and local laws and regulations.