



IN CASE OF EMERGENCY Emergency Phone: (614) 276-4000

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Common/Trade Name: Calcium Acetate Capsules			
Chemical Name: Calcium acetate			
Synonyms: Not applicable			
Molecular Formula: Ca(CH ₃ COO) ₂			
Molecular Weight: 158.17			
CAS No: 62-54-4			
Chemical Family: Calcium salt			
Product Use: Control of hyperphosphatemia			
Manufacturer's Name: Boehringer Ingelheim Roxane, Inc.			
Address: 1809 Wilson Road Columbus, Ohio 43228			
2. COMPOSITION / INFORMATION ON INGREDIENTS			
Composition	CAS#		Exposure Limit
Calcium Acetate	62-54-4		None established
<i>REFER to PHYSICIAN'S DESK REFERENCE for common components present as <1%</i>			
3. HAZARDS IDENTIFICATION			
Emergency Overview	Physical State: Solid, gelcap Color: White opaque / blue opaque Odor: No data available WARNING! May be harmful if swallowed. Accidental ingestion of large amounts may be harmful.		
Primary Route(s) of Entry	Ingestion		
Potential Health Effects:	Inhalation: Not expected to be an inhalation hazard in final pharmaceutical form. Eye Contact: Not expected to be a hazard to the eye in final pharmaceutical form. Skin Contact: Not expected to be a hazard to the skin. Can cause hypersensitive reactions resulting in rash, redness, itching and inflammation. Ingestion: May be harmful if ingested. Ingestion may cause headache, constipation, weakness, diarrhea, abdominal pain, gastrointestinal upset, central nervous system effects, and other systemic effects.		
Toxicity Data:	See Section 11		
Effects of Overexposure:	The potential for exposure is reduced in finished pharmaceutical form. The signs of over dosage may include constipation, anorexia, gastrointestinal upset, confusion, stupor and coma.		
Target Organs:	Gastrointestinal tract		

4. FIRST AID MEASURES	
Eye Exposure	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses if worn. Get medical attention if symptoms persist.
Skin Exposure	Wash with soap and water. Get medical attention if symptoms occur.
Ingestion	Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.
Inhalation	Should not pose a hazard in the final form. Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
5. FIRE AND EXPLOSION HAZARDS	
Flammability	Lower: N/A Upper: N/A
Flash Point	Not Applicable
Extinguishing Media	Use water spray chemical, carbon dioxide or material appropriate for fire in surrounding area
Special Fire Fighting Procedures	Wear full protective clothing and self-contained breathing apparatus.
Unusual Fire/Explosion Hazards	Not Applicable
Hazardous Combustion Products	Carbon dioxide, magnesium oxide
6. ACCIDENTAL RELEASE INFORMATION	
STEPS TO BE TAKEN IF SIGNIFICANT QUANTITIES OF CAPSULES ARE BROKEN: Use appropriate protective equipment (see Section 8). Sweep/wipe up and containerize spill material in a compatible container. Dispose according to applicable regulations. Incineration of the waste at an approved facility is recommended.	
7. PRECAUTIONS FOR SAFE HANDLING AND USE	
Precautions Handling Significant Quantities of Broken Capsules:	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage	Store between 20° and 25°C (68° and 77°F). Keep container closed tightly. Protect from light. Store away from foodstuffs.
8. CONTROL MEASURES AND PERSONAL PROTECTIVE EQUIPMENT	
Exposure Limits	None
Engineering Controls	Not required when handling capsules or containers. Good ventilation (typically 10 air changes per hour) should be used. Ventilation should be matched to conditions.
Respiratory Protection	Not required when handling capsules or containers. NIOSH/MSHA approved respirators for protection should be used if respirators are found to be necessary. Ventilation should be matched to conditions.
Personal Protection	Not required when handling capsules. If containers are compromised or exposure is likely wear: Goggles, Lab Coat, Gloves
Recommended Facilities	Eye wash, washing facilities
9. PHYSICAL / CHEMICAL CHARACTERISTICS	

Appearance	White opaque / blue opaque gelcap	Melting point	Not available	Solubility in water	Not available
Odor	Not available	Boiling point	Not available	Specific Gravity	Not available
Taste	Not available	Vapor Pressure	Not available	Flashpoint	Not applicable
pH	Not available	Density	Not available	Flammability Limits	Not applicable
10. STABILITY AND REACTIVITY DATA					
Stability	Stable				
Incompatibility	None known				
Hazardous Decomposition	Oxides of carbon, magnesium oxide				
Conditions to Avoid	Excessive heat, light				
Hazardous Polymerization	Will not occur.				
11. TOXICOLOGICAL INFORMATION					
12. ENVIRONMENTAL IMPACT INFORMATION					
No information is currently available on the environmental impact of this product.					
13. DISPOSAL INFORMATION					
Waste Disposal Considerations: Dispose of material according to federal, state and local disposal regulations or company operating procedures. Disposal by incineration is recommended. At home: Discard away from children's reach.					
14. TRANSPORTATION INFORMATION					
This product is not subject to the regulations for the safe transport of hazardous chemicals. DOT: Not regulated TDG: Not regulated IATA: Not regulated IMDG: Not regulated					
15. REGULATORY INFORMATION					
See package insert for NDC Numbers					
DEA: Calcium acetate is not a controlled substance.					
FDA: Calcium acetate is an approved hyperphosphatemia prescription medication.					
WHMIS Classification for Product: Not controlled, exempt.					
Inventory Status: This material is listed on the US TSCA Inventory. This material is on the DSL Inventory.					
16. OTHER DATA					
ABBREVIATIONS: N/A – not applicable					
Prepared by: Roxane Laboratories, Inc.					
References: 1. Calcium Acetate Capsules, Package Insert, Roxane Laboratories, Inc. , Columbus, Ohio 2. RTECS No. 200602 for Acetic acid, calcium salt 3. Ariel Webinsight. Regulatory and ChemExpert Database. 4. PDR – Physicians Desk Reference					
Date: 1/30/08- New MSDS			Date Updated: 10/14/2008		
SEE CURRENT PACKAGE INSERT FOR FURTHER INFORMATION					

The information provided is believed to be complete and accurate. If this product is combined with other materials, deteriorates or becomes contaminated, it may pose hazards not mentioned in this MSDS. It is the users' responsibility to use the information according to the application. Boehringer Ingelheim Roxane, Inc. assumes no responsibility or liability resulting from the use of this information.