



For Chemical Emergency call Infotrac @ 1-800-535-5053
Material Safety Data Sheet

Section 1 - Product Information			
Product Name:	Calcium Turnings		
Chemical Name:	Calcium		
Section 2 - Hazardous Ingredients			
Chemical Name	CAS#	Percentage	
Calcium	7440-70-2	100%	
Exposure Limits	Permissible Exposure Limit:		
	Ceiling Limits:		
	Short Term Exposure Limit:		
	Can be hazardous to skin?	Yes; Irritant	
Section 3 - Physical/Chemical Characteristics			
Boiling Point		Solubility in Water	
Vapor Pressure (mm Hg)		Specific Gravity (H2O = 1)	
Vapor Density (Air = 1)		Melting Point	
Appearance and Odor / Odor threshold			
Evaporation Rate (Butyl Acetate = 1)		PH	
Freezing Point			
Section 4 - Fire and Explosion Data			
Lower Explosive/Flammability Limit		Flash Point	
Upper Explosive/Flammability Limit		Autoignition Temperature	
Extinguishing Media	Extinguishing powder. Do not use water.		
Fire Fighting Measures			
Fire or Explosion Hazards	Highly flammable.		
Section 5 - Reactivity Data			
Chemical Stability			
Incompatibility			
Hazardous Decomposition or Byproducts	Contact with water releases flammable gasses. Reacts with oxidizing agents. Byproducts: Hydrogen, metal oxide fume.		
Hazardous Polymerization			

Section 6 - Health Hazard Data	
Routes of Entry	Eyes and air passages; mucous membranes.
Health Hazards	Can cause skin and eye irritation. Harmful if inhaled or ingested.
Carcinogenicity	
Signs and Symptoms of Exposure	

Medical conditions generally aggravated by exposure	
Emergency and First Aid Procedures	Eye Contact: Rinse opened eye for several minutes under running water. Then consult a doctor
	Skin Contact: Immediately wash with water and soap then rinse thoroughly. Seek immediate medical advice.
	Inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice.
	Ingestion: Seek immediate medical advice.

Section 7 - Precautions for Safe Handling and Use	
Spill or Release Data	<i>Small Spill:</i>
	<i>Large Spill:</i>
Waste Disposal Method	Consult state, local or national regulations to ensure proper disposal. Disposal must be made according to official regulations.
Handling and Storage	Handle under dry argon. Keep container tightly sealed. Store in cool, dry place away from water/moisture. Do not store together with acids. Store away from oxidizing agents. Store away from air. Do not store together with alkalis.
Other Precautions	Store under dry, inert gas.

Section 8 - Control Measures	
Respiratory Protection	Use suitable respirator when high concentrations are present.
Protective Gloves	Impervious gloves.
Eye Protection	Safety glasses. Full face protection.
Other Protective Equip.	Protective work clothing.
Ventilation	Ensure adequate ventilation.
	Chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.
Work/Hygienic Practices	

To the best of our knowledge, the information contained above is accurate. However, neither the above named supplier nor any of its

subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained above.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described above, we cannot guarantee that these are the only hazards that exist.

Prepared: April 2009