

MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	DI-CALCIUM PHOSPHATE		
Manufacturer's Name:	Neogen Corporation	Emergency Phone No.	859 254 1221
	944 Nandino Blvd	Fax No.:	859 255 5532
	Lexington, KY 40511	e-mail:	inform@neogen.com
Date Prepared or Revised: 11/05/04			

Section II – Hazardous Ingredients / Identity Information			
Hazardous Components (Specific Chemical Identity: Common Names) Not Considered Hazardous	OSHA PEL (Permissible Exposure Limits)	ACGIH TLV (Threshold Limit Value)	Toxicity Data LD ₅₀
Dicalcium Phosphate CAS 7789-77-7	Nuisance Dust Limit 15 mg/m ³	Nuisance Dust TLV 10 mg/m ³	No Data Available
Phosphorus 19%			
Calcium 21%			

Section III – Physical Characteristics	
Boiling Point: N/A	Specific Gravity (H ₂ O = 1): N/A
Vapor Pressure (mm Hg.): N/A	Melting Point: Decomposes at high temperatures
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: 20% at 75F	
Appearance and Odor: White to grey granular solid, odorless	

Section IV – Fire and Explosion Hazard Data	
Flash Point (<i>Method Used</i>): None	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: N/A	
Special Fire Fighting Procedures: N/A	
Unusual Fire and Explosion Hazards: N/A	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: N/A
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): None			
Hazardous Decomposition or Byproducts: Phosphorus oxides at high temperatures.			
Hazardous Polymerization	May Occur		Conditions to Avoid: High Temperatures
	Will Not Occur	X	

Section VI – Health Hazard Data			
Route(s) of Entry:	Inhalation-Nuisance dust	Skin-eyes-Irritant	Ingestion-Minor
Health Hazards (Acute and Chronic)	May irritate eyes, dust in confined area may pose nuisance problem.		
Carcinogenicity: NT-Not listed (National Toxicology Program)	IARC Monographs-Not listed (International Agency for Research in Cancer)	OSHA Regulated-Yes	
Signs and Symptoms of Exposure: May cause eye irritation and may cause slight irritation to skin, nose and throat due to small amount of free acid.			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency / First Aid Procedures	Ingestion: If person is conscious, give large amounts of water to drink and induce vomiting. Seek medical attention.		
	Inhalation: Remove to fresh air. If discomfort continues, seek medical attention.		
	Eye Contact: Flush thoroughly with water. Seek medical attention if irritation persists.		
	Skin Contact: Wash thoroughly with soap and water.		

Section VII – Precautions for Safe Handling and Use	
Accidental Release Measures: Collect in a non-combustible container for disposal	
Waste Disposal Method: Disposal in landfill is adequate.	
Handling and Storing: Store in cool dry warehouse	
Other Precautions: None	

Section VIII – Control Measures		
Respiratory Protection (Specify Type): An approved dust respirator or control dust with exhaust ventilation.		
Ventilation	Local Exhaust: Adequate for dust control	Special:
	Mechanical (General): YES	Other:
Protective Gloves: No		Eye Protection: Safety glasses
Other Protective Clothing or Equipment: None required		
Work / Hygienic Practices: Normal hygienic practices.		

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.