

## MATERIAL IDENTIFICATION and INFORMATION

Portland Cement; CAS#6599-71-51; Gypsum CAS# 7778-18-9;  
Hydrated Lime CAS# 12001-27-3; Calcium Hypochlorite CAS# 7778-54-3

## PHYSICAL and CHEMICAL CHARACTERISTICS (June 10, 2013)

Boiling Point: N/A	Specific Gravity: 0.6 30# /cu ft
Vapor Pressure: N/A	Melting Point: N/A
Vapor Density: N/A	Evaporation Rate: N/A
Solubility in Water: Insoluble	Water Reactive: Very slight heating

Appearance and Odor: Light gray powder 20-300 mesh

## FIRE and EXPLOSION HAZARD

Flash Point: N/A	Extinguisher Medium: Water
Auto-Ignition Temperature: N/A	Flammability Limits in Air: N/A
Special Fire Fighting Procedure: None	

Unusual Fire and Explosion Hazards: May form free Chlorine gas upon heating

## REACTIVITY HAZARD DATA

Stable. Conditions to avoid: Contact with strong acids.  
Hazardous Decomposition Products: Chlorine gas vapor.

## HEALTH HAZARD DATA

Primary Route: Inhalation and skin contact.  
Health Hazards: Irritation of skin, eyes and mucous membranes. Stomach upset. Chronic: None.  
Eye Contact: Flush with water. Skin Contact: Flush with water. Ingestion: Drink citrus juices.  
Inhalation: Remove to fresh air.

## CONTROL and PROTECTIVE MEASURES

Use NIOSH respirator. Goggles and gloves. Other protective clothing as required in HazMat use.  
Wash hands after using.

## SAFE HANDLING and LEAK PROCEDURES

Spills: Sweep up. Waste Disposal: Sanitary landfill for unused BioSet. Keep dry.

NFPA Rating 1: Flammability 0, Reactivity 1