

**MATERIAL SAFETY**  
**DATA SHEET**

**CHEMGUARD Purple K DRY CHEMICAL**

Revision Date: 10/23/2006

**1. PRODUCT IDENTIFICATION**

Chemical Family: Inorganic salt mixture, for fire extinguisher recharge.

Product name: Chemguard PK

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>CAS NO.</u>	<u>Common Name</u>	<u>ACGIH/PPM</u> <u>TWA</u>	<u>OSHA/PPM</u> <u>PEL</u>
298-14-6	potassium bicarbonate	none	none
12001-26-2	mica	10	5
8031-18-3	clay	none	none
7631-86-9	amorphous silica	10	6
68037-59-2	methylhydrogen polysiloxane	none	none

**3. HAZARDS IDENTIFICATION**

Routes of entry: Dermal, inhalation and ingestion

Potential Health Effects: May cause skin and eye irritation.

Carcinogenicity: Not a carcinogen.

**4. FIRST AID MEASURES**

Ingestion: Do not induce vomiting.

Inhalation: Remove to fresh air.

Skin: Rinse with water. Wash with soap and water. Contaminated clothing should be washed before re-use.

Eyes: Rinse with water. Call a physician.

## **5. FIRE FIGHTING MEASURES**

Flash Point:	no flash point
Flammable Limits in air (lower % by volume):	not applicable
Flammable Limits in air (upper % by volume):	not applicable
Auto-ignition Temperature:	not applicable

General Hazards: None known.

Fire Fighting Equipment: typical equipment should be used

Fire Extinguishing Media: Compatible with Water, Foam, Carbon Dioxide, Dry Chemical, Halon

Fire and Explosion Hazards: None known

Hazardous Combustion Products: None known.

## **6. ACCIDENTAL RELEASE**

Contain spills. Vacuum into storage containers. Dispose properly.

Dispose of released and contained material in accordance with local, state, and federal regulations. Release to local waste treatment plant only with permission.

## **7. HANDLING AND STORAGE**

Store in original container, or appropriate end-use device.

## **8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

Eye Protection: Wear side-shield safety glasses.

Skin Protection: Wear gloves.

Respiratory Protection: Use dust respirator if needed.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point:	not applicable
Melting Point:	not applicable
Specific Gravity:	approximately 1.0 g/ml
Vapor Pressure (mm Hg):	not determined
pH	slightly basic
Flash Point (PMCC):	not applicable
Vapor Density (air = 1)	not applicable
Solubility in water:	not soluble
Appearance:	purple powder
Odor:	none

## **10. STABILITY AND REACTIVITY**

Stability: Stable

Incompatibility: Strong acids, do not mix with multi-purpose dry chemicals

Hazardous Polymerization: Will not occur.

Decomposition Products: carbon dioxide, carbon monoxide

**11. TOXICOLOGICAL INFORMATION**

Eye Irritation: (Rabbits) mild irritant  
Skin Irritation: (Rabbits) minimal irritant  
Inhalation Toxicity: not evaluated  
Sensitization: not evaluated  
Teratology: not evaluated  
Mutagenicity: not evaluated  
Reproduction: not evaluated  
Acute Oral Effects (Rats): not evaluated

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with local, state, and federal regulations. Discharge to waste treatment plants only with permission.

**14. TRANSPORTATION INFORMATION**

Department of Transportation proper shipping name: not regulated  
Hazard class: None  
UN Number: None

**15. REGULATORY INFORMATION**

All ingredients are on the **TSCA** inventory.  
No components are reportable under **SARA Title III, sec. 313**  
No components are priority pollutants listed under the U.S. Clean Water Act Section 307 (2)(1) Priority Pollutant List (**40 CFR 401.15**).  
No components are reportable under **CERCLA**.

**16. OTHER INFORMATION**

<b>NFPA Hazard Ratings</b>		<b>HMIS Identification System</b>	
1	Health Hazard Rating	1	
0	Flammability Rating	0	
0	Instability/Reactivity Rating	0	

Change Log:  
Revision 2, 1/26/06  
Revision date changed.  
Revision 3, 10/23/06  
CAS number for potassium bicarbonate corrected.