

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

NFPA Hazard Ratings

1

0

0

Health Hazard Rating

Flammability Rating

Instability/Reactivity Rating

HMIS Identification System

1

0

0

Change Log:

Revision 2, 1/26/06

Revision date changed.

Revision 3, 10/23/06

CAS number for potassium bicarbonate corrected.