1. Product and Company Identification

Product Code: FG01K
Product Name: Damp Rid Moisture Absorbers
Trade Name: DampRid

Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com
Preparer Name: W.M. Barr EHS Dept (901)775-0100

Intended Use: To absorb excess moisture from the air.
Chemical Family: Inorganic Salt

Synonyms
FG0130, FG01CAN, FG01D, FG01K, FG01MT, FG01W, FG02B, FG02WM, FG23, FG30CAN, FG30K, FG30MT, FG30W, FG36, FG37, FG40, FG40CS, FG41K, FG42, FG45, FG50, FG50MT, FG50T, FG60, FG60MT, FG80, FG80CAN, FG80D, FG80FC, FG80FF, FG80MT, FG81D, FG83C, FG83FC, FG83CAN, FG83K, FG83MT, FG83W, FG84, FG84C, FG84MT, FG84MTW, FG88, FG90, FG90C, FG90CAN, FG90MT, FG92, FG92CAN, FG100, FG100MT, FG103, FG103MT, FG402, FG922, FG80FFCON, FG90H, FG92H, FG83H, FG80H, FG100H, FG01KEN, FG37, FG80CON, FG91, FG95, FG110, FG0130MP, FG41, FG91, FG95, FG91D, FG9195D, FG9195D, FG80H, FG90H, FG100H, FG92H, FG01KEN,FG83H, FG82B, FG82BD, FG82BMT, FG82FFB, FG82FFBBD, FG82FFBMt, FG82FCB, FG82FCBD, FG82FCBMt, FG80CON,FG80FFCON, FG92CON, FG92TEMP

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name) | CAS # | Concentration | OSHA PEL | ACGIH TLV | Other Limits |
--- | --- | --- | --- | --- | --- |
1. Calcium chloride | 10043-52-4 | 60.0 -100.0 % | No data. | No data. | No data. |
2. Sodium chloride | 7647-14-5 | 1.0 -5.0 % | No data. | No data. | No data. |
3. Potassium chloride | 7447-40-7 | 1.0 -5.0 % | No data. | No data. | No data. |

Hazardous Components (Chemical Name) | RTECS # | OSHA STEL | OSHA CEIL | ACGIH STEL | ACGIH CEIL |
--- | --- | --- | --- | --- | --- |
1. Calcium chloride | EV9800000 | No data. | No data. | No data. | No data. |
2. Sodium chloride | V24725000 | No data. | No data. | No data. | No data. |

3. Hazards Identification

Emergency Overview
Odorless, white pellets or flakes. Causes eye irritation. Avoid breathing dust, Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash thoroughly after handling. Reacts with water to liberate heat.

OSHA Regulatory Status:
This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic)
ACUTE INHALATION, SKIN CONTACT, EYE CONTACT: May cause irritation.

INGESTION: May cause nausea.
CHRONIC EFFECTS: None known.

Target Organs: Stomach, Upper Respiratory Tract

Primary Routes of Entry: Ingestion, Inhalation

**Signs and Symptoms Of Exposure**

See Potential Health Effects.

**Medical Conditions Generally Aggravated By Exposure**

None known.

### 4. First Aid Measures

**Emergency and First Aid Procedures**

**INHALATION:** Remove from exposure area to fresh air.

**SKIN CONTACT:** Remove contaminated clothing and shoes. Wash affected area with soap or mild detergent. Seek medical attention if irritation persists.

**EYE CONTACT:** Flush eyes with large amounts of water for at least 15 minutes. Get medical attention.

**INGESTION:** Get medical attention.

**Note to Physician**

None.

### 5. Fire Fighting Measures

**Flammability Classification:** Not flammable or combustible.

**Flash Pt:** No data.

**Explosive Limits:**

<table>
<thead>
<tr>
<th></th>
<th>LEL: No data</th>
<th>UEL: No data</th>
</tr>
</thead>
</table>

**Fire Fighting Instructions**

Negligible fire hazard when exposed to heat or flame. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Extinguish fire using agent suitable for type of surrounding fire and/or chemicals. Do not sure water directly on the material. Avoid breathing corrosive vapors; keep upwind. Dike area to prevent runoff and contamination of water sources.

**Flammable Properties and Hazards**

Negligible fire hazard when exposed to heat or flame.

**Hazardous Combustion Products**

Not applicable.

**Extinguishing Media**

Non-combustible liquid - use extinguishing media for underlying cause of fire.

**Unsuitable Extinguishing Media**

None known.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled**

- Wear appropriate protective gear for the situation. Prevent skin and eye contact.
- For dry spills, place material in covered, clean dry container for disposal.

### 7. Handling and Storage

**Precautions To Be Taken in Handling**

Observe all federal, state and local regulations when storing this product.
Precautions To Be Taken in Storing
Keep in clean tightly closed dry containers. Store away from incompatible materials.

Other Precautions
None.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)
Use of a NIOSH approved respirator should be based on contamination levels in the workplace or situation. When warranted, use a face mask particulate respirator with a NIOSH N95 rating.

Eye Protection
Wear safety glasses with splash shields or safety goggles/shield.

Protective Gloves
Wear appropriate protective gloves to prevent skin contact.

Other Protective Clothing
Wear appropriate protective (impervious) clothing and equipment.

Engineering Controls (Ventilation etc.)
Provide local exhaust ventilation.

Work/Hygienic/Maintenance Practices
A source of clean water should be available in the work area for flushing of the eyes and skin. Wash hands thoroughly after use. Do not eat, drink, or smoke in the work area. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

9. Physical and Chemical Properties

Physical States: [ ] Gas [ ] Liquid [X] Solid
Melting Point: 369.00 F (187.2 C)
Boiling Point: No data.
Autoignition Pt: No data.
Flash Pt: No data.
Explosive Limits: LEL: No data. UEL: No data.
Specific Gravity (Water = 1): 2.15 at 77.0 F (25.0 C)
Density: 15.4 LB/GL at 22.0 C (71.6 F)
Bulk density: No data.
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Evaporation Rate (vs Butyl Acetate=1): No data.
Solubility in Water: 40 % at 68.0 F (20.0 C)
Percent Volatile: No data.
Heat Value: No data.
Particle Size: No data.
Corrosion Rate: No data.
pH: No data.

Appearance and Odor
Odorless, white to off-white pellets or flakes.
10. Stability and Reactivity

Stability:  Unstable [ ]  Stable [ X ]

Conditions To Avoid - Instability
Reacts exothermically with water.

Incompatibility - Materials To Avoid
Strong oxidizing agents.

Hazardous Decomposition Or Byproducts
None, under normal temperature and pressures.

Hazardous Polymerization:  Will occur [ ]  Will not occur [ X ]

Conditions To Avoid - Hazardous Polymerization
No data available.

11. Toxicological Information

ANHYDROUS CALCIUM CHLORIDE

TDLO:  12 g/kg, oral, 20 weeks, rat
LDLO:  274 mg/kg, subcutaneous, dog
LD50:  1000 mg/kg, oral, rat
LD50:  264 mg/kg, intraperitoneal, rat

Mutagenic data and tumorigenic data-see Registry of Toxic Effects of Chemical Substances (RTECS) file.

ACUTE TOXICITY LEVEL:  Moderately toxic by ingestion, slightly toxic by dermal absorption.

Skin Corrosion/Irritation:  Material is a skin irritant.

Serious Eye Damage/Irritation:  Material is a mucous membrane and eye irritant.

Respiratory or Skin Sensitization:  No data available.

Aspiration Hazard:  No data available.

Chronic Toxicological Effects
Germ Cell Mutagenicity:  No data available.

Reproductive Toxicity:  No data available.

STOT-Single Exposure:  No data available.

STOT-Repeated Exposure:  No data available.

Carcinogenicity/Other Information
No data available.

<table>
<thead>
<tr>
<th>Hazardous Components (Chemical Name)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Calcium chloride</td>
<td>10043-52-4</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>2. Sodium chloride</td>
<td>7647-14-5</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>3. Potassium chloride</td>
<td>7447-40-7</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

12. Ecological Information

Toxicity:  LC50 Nitzschia linearia 3,130 mg/l/120 hr in static water.

Persistence and Degradability:  Will not biodegrade.

Bioaccumulative Potential:  Will not bioaccumulate.
Mobility in Soil: No data available.

Other Adverse Effects: None known.

13. Disposal Considerations

Waste Disposal Method
Dispose in accordance with applicable local, state, and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT)
DOT Proper Shipping Name: No data available.
LAND TRANSPORT (Canadian TDG)

Additional Transport Information
For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

15. Regulatory Information

US EPA SARA Title III
Hazardous Components (Chemical Name)  CAS #  Sec.302 (EHS)  Sec.304 RQ  Sec.313 (TRI)  Sec.110
1. Calcium chloride 10043-52-4  No  No  No  No
2. Sodium chloride 7647-14-5  No  No  No  No
3. Potassium chloride 7447-40-7  No  No  No  No

US EPA CAA, CWA, TSCA
Hazardous Components (Chemical Name)  CAS #  EPA CAA  EPA CWA NPDES  EPA TSCA  CA PROP 65
1. Calcium chloride 10043-52-4  No  Inventory
2. Sodium chloride 7647-14-5  No  Inventory
3. Potassium chloride 7447-40-7  No  Inventory

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

Inventory: Chemical Listed in the TSCA Inventory.
5A(2): Chemical Subject to Significant New Rules (SNURS)
6A: Commercial Chemical Control Rules
8A: Toxic Substances Subject To Information Rules on Production
8A CAIR: Comprehensive Assessment Information Rules - (CAIR)
8A PAIR: Preliminary Assessment Information Rules - (PAIR)
8C: Records of Allegations of Significant Adverse Reactions
8D: Health and Safety Data Reporting Rules
8D TERM: Health and Safety Data Reporting Rule Terminations
12(b): Notice of Export

Other Important Lists:
International Regulatory Lists:

CWA NPDES: EPA Clean Water Act NPDES Permit Chemical
CAA HAP: EPA Clean Air Act Hazardous Air Pollutant
CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
CA PROP 65: California Proposition 65

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:
- [X] Yes  [ ] No   Acute (immediate) Health Hazard
- [ ] Yes  [X] No   Chronic (delayed) Health Hazard
- [ ] Yes  [X] No   Fire Hazard
- [ ] Yes  [X] No   Sudden Release of Pressure Hazard
- [X] Yes  [ ] No   Reactive Hazard

Regulatory Information

This product has been classified according to the hazard criteria of the Controlled Products Regulations.

Concentrations reported in section 2 are weight/weight.

Ingredients disclosed in section 2 are on Canadian DSL.

WHMIS Health Effects Criteria Met by this Chemical:
D2B - Eye irritation - toxic - other

16. Other Information

Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.