

# MATERIAL SAFETY DATA SHEET

## Calcium Chloride Flake

### 1 Chemical Product and Company Identification:

*Product Name:* Calcium Chloride Flake *C.A.S. Number:* 10043-52-4  
*Company Name:* Buckman's, Inc., 105 Airport Road, Pottstown, PA 19464 USA  
*Fax:* 610.495.7229 *Telephone:* 610.495.7495 *Website:* [www.buckmansinc.com](http://www.buckmansinc.com)

### 2 Composition, Information on Ingredients:

Calcium Chloride CaCl <sub>2</sub>	78.35 %
Total Alkali Chloride (As NaCl)	4.02 %
Ca(OH) <sub>2</sub>	0.10 %
Insoluble Matter In Water	0.01 %
Sulfate (As SO <sub>4</sub> )	0.07 %

### 3 Hazards Identification:

Product is white in color and consists of thin flakes of irregular diameter and thickness. May be solidified in lumps. Product is odorless. Color may begin to change from white to off white/brown when exposed to the atmosphere. Prolonged direct contact with skin can cause minor burns. Dissolves in water.

### 4 First Aid Measures:

In case of contact with eyes, flush thoroughly with water for at least fifteen minutes. Consult medical personnel. If inhaled, seek fresh air. If product is swallowed, do not induce vomiting unless directed by medical personnel.

### 5 Fire Fighting Measures:

Product is non-combustible and dissolves when flushed with water.

### 6 Accidental Release Measures:

Product dissolves when flushed with water. Significant quantities left on vegetation for long periods of time will suffocate and/or burn vegetation. Classified as non-hazardous for purposes of transportation.

### 7 Handling and Storage:

Store product in original bags in an environment, which is clean and dry. Tightly re-seal open bags to prevent premature product hardening. Avoid puncturing bags with sharp objects, which will allow premature product hardening. Contents leaking from bag may cause damage to surface on which it is stored. Since product absorbs moisture, smooth surfaces can become very slippery when product is in prolonged contact with floor.

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<b>8 Exposure Controls, Personal Protection:</b>
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Product can cause skin and eye irritation. Use rubber gloves for continued handling of product. Dust respirator is recommended for handling product in confined spaces. Wear safety glasses to prevent accidental contact with eyes.

<b>9 Physical and Chemical Properties:</b>
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Product is white in color and consists of thin flakes of irregular diameter and thickness. May be solidified in lumps. Product is odorless. Color may begin to change from white to off white/brown when exposed to the atmosphere.

<b>10 Stability and Reactivity:</b>
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Product absorbs moisture and will harden and solidify the longer it is exposed to the atmosphere. Reseal open or damaged bags to minimize solidification. Since product absorbs moisture, smooth surfaces can become very slippery when product is in prolonged contact with floor. The smoother the surface, the more slippery it can become.

<b>11 Toxicological Information:</b>
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Use common sense when handling product. Do not intentionally eat, inhale, put in eyes, or rub on skin.

<b>12 Ecological Information:</b>
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Can be swept with standard push broom and picked up with a metal or plastic shovel. Product dissolves in water. Significant quantities left on vegetation for long periods of time will suffocate and/or burn vegetation. Product is used for dust control and if spread thinly enough will absorb moisture and dissolve.

<b>13 Disposal Considerations:</b>
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Can be swept with standard push broom and picked up with a standard shovel. Product dissolves in water. No special treatment required when disposing of in landfill. Product is used for dust control and if spread thinly enough will absorb moisture and dissolve.

<b>14 Transport Information:</b>
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Product is *not* classified as DOT hazardous for transportation. If product leaks during handling, loading, or transport the floor of vehicle may become very slippery and caution should be exercised when walking or using material handling equipment on the portion of the floor exposed to the leaking product.

<b>15 Regulatory Information:</b>
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Product is *not* classified as DOT hazardous.

<b>16 Other Information:</b>
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There are two pages to this MSDS Sheet. The date of this MSDS Sheet is February 3, 2006.