

# REGAL CALCIUM PLUS

## SECTION 1. IDENTIFICATION

|   |   |
|---|---|
| <b>Product Identifier</b>               | REGAL CALCIUM PLUS  |
| <b>Other Means of Identification</b>    | 17028RAW  |
| <b>Recommended Use</b>                  | Hardness Treatment.   |
| <b>Manufacturer/Supplier Identifier</b> | Alliance trading inc, 109 North Park blvd, 4th floor, , Covington, LA, 70433, USA |
| <b>Supplier Identifier</b>              | Alliance trading inc, 109 North Park blvd, 4th floor, , Covington, LA, 70433, USA |
| <b>Emergency Phone No.</b>              | CANUTEC, 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone      |
| <b>SDS No.</b>                          | 0964  |
| <b>Date of Preparation</b>              | January 01, 2025  |

## SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

### Classification

Acute toxicity (Oral) - Category 4; Skin irritation - Category 2; Eye irritation - Category 2A

### Label Elements



Warning

### Hazard Statement(s):

Causes serious eye irritation.

Causes skin irritation.

Harmful if swallowed.

### Precautionary Statement(s):

Wear eye protection/face protection.

Wear protective gloves.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

### Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

Rinse mouth.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name    | CAS No.    | %         | Other Identifiers | Other Names |
|------------------|------------|-----------|-------------------|-------------|
| Calcium chloride | 10043-52-4 | 80.00-100 |                   |             |

#### Notes

The exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Call a Poison Centre or doctor if you feel unwell.

##### Skin Contact

Wash with plenty of water. If skin irritation occurs, get medical advice or attention. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Clean clothing, shoes and leather goods. Specific treatment is required.

##### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

##### Ingestion

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

#### Specific Hazards Arising from the Product

Does not burn.

#### Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Use the personal protective equipment recommended in Section 8 of this safety data sheet.

#### Environmental Precautions

It is good practice to prevent releases into the environment.

#### Methods and Materials for Containment and Cleaning Up

Small spills or leaks: stop or reduce leak if safe to do so. Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Large spills or leaks: stop or reduce leak if safe to do so. Dike spilled product to prevent runoff. Dike and recover contaminated water for appropriate disposal. Contact emergency services and manufacturer/supplier for advice.

Product Identifier: REGAL CALCIUM PLUS - Ver. 1

Date of Preparation: January 01, 2025

Date of Last Revision: January 01, 2025

Page 02 of 06

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Do not swallow. Wash hands thoroughly after handling this material.

### Conditions for Safe Storage

Store in an area that is: dry, cool, ventilated. Store in the original, labelled, shipping container. Separate from incompatible materials (see Section 10: Stability and Reactivity).

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

| Chemical Name    | ACGIH TLV®      |      | OSHA PEL |         | AIHA WEEL       |     |
|------------------|-----------------|------|----------|---------|-----------------|-----|
|                  | TWA             | STEL | TWA      | Ceiling | 8-hr TWA        | TWA |
| Calcium chloride | Not established |      | 15 mg/m3 |         | Not established |     |

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

#### Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots. Wash hands and face thoroughly after handling and before eating, drinking, smoking or using the toilet.

#### Respiratory Protection

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Wear a NIOSH approved particulate respirator equipped with an N95, R95, or P95 filter.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

|  |   |
|--|---|
| Appearance                                       | White flakes.   |
| Odour  | Odourless   |
| Odour Threshold                                  | Not available   |
| pH   | Not applicable  |
| Melting Point/Freezing Point                     | 772 °C (1422 °F) (melting); Not applicable (freezing) |
| Initial Boiling Point/Range                      | Not applicable  |
| Flash Point                                      | Not applicable  |
| Evaporation Rate                                 | Not applicable  |
| Flammability (solid, gas)                        | Not applicable  |
| Upper/Lower Flammability or Explosive Limit      | Not applicable (upper); Not applicable (lower)        |
| Vapour Density (air = 1)                         | Not applicable  |
| Relative Density (water = 1)                     | Not applicable  |
| Solubility                                       | Very soluble in water                                 |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available   |
| Auto-ignition Temperature                        | Not applicable  |
| Decomposition Temperature                        | Not applicable  |
| Viscosity  | Not applicable (kinematic); Not applicable (dynamic)  |
| Other Information                                |   |

Product Identifier: REGAL CALCIUM PLUS - Ver. 1  
Date of Preparation: January 01, 2025  
Date of Last Revision: January 01, 2025

**Physical State** Solid  
**Bulk Density** 51 - 61 lb/ft3

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Reacts in the presence of water, acidic conditions (low pH). Releases a large amount of heat.

### Conditions to Avoid

None known.

### Incompatible Materials

Releases excessive heat on contact with: water, strong acids (e.g. hydrochloric acid). Forms flammable chemicals on contact with: zinc.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

| Chemical Name    | LC50          | LD50 (oral) | LD50 (dermal) |
|------------------|---------------|-------------|---------------|
| Calcium chloride | Not available | 1126 mg/kg  | 2637 mg/kg    |

### Skin Corrosion/Irritation

Causes mild skin irritation.

### Serious Eye Damage/Irritation

Causes serious eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Vapours and mist will irritate throat and respiratory system and cause coughing.

#### Ingestion

If large amounts are swallowed severe irritation or burns to the mouth, throat and stomach.

### Respiratory and/or Skin Sensitization

No information was located.

### Carcinogenicity

| Chemical Name    | IARC          | ACGIH®        | NTP           | OSHA          |
|------------------|---------------|---------------|---------------|---------------|
| Calcium chloride | Not evaluated | Not evaluated | Not evaluated | Not evaluated |

### Reproductive Toxicity

#### Development of Offspring

Not known to harm the unborn child.

#### Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

### Germ Cell Mutagenicity

Not known to be a mutagen.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Product Identifier: REGAL CALCIUM PLUS - Ver. 1  
Date of Preparation: January 01, 2025  
Date of Last Revision: January 01, 2025

Not harmful to aquatic life, based on acute toxicity tests.

#### **Persistence and Degradability**

No ingredient of this product or its degradation products is known to be highly persistent.

#### **Bioaccumulative Potential**

This product and its degradation products are not expected to bioaccumulate.

#### **Mobility in Soil**

If released into the environment, this product is expected to move rapidly through the soil, based on physical and chemical properties.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal Methods**

Dispose of contents and container in accordance with local, regional, national and international regulations. Store product for disposal as described under Storage in Section 7 of this safety data sheet. Do not reuse empty containers.

### **SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG regulations.

**Special Precautions** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

### **SECTION 15. REGULATORY INFORMATION**

#### **Safety, Health and Environmental Regulations**

This section is not required by WHMIS.

#### **Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

#### **Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL.

### **SECTION 16. OTHER INFORMATION**

**NFPA Rating** Health - 2 Flammability - 0 Instability - 1

**SDS Prepared By** Technical Manager

**Date of Preparation** January 01, 2025

**Date of Last Revision** January 01, 2025

**Key to Abbreviations** IARC = International Agency for Research on Cancer

**References** CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

**Additional Information** All information is based upon our current knowledge and experience of our product and is not exhaustive. It applies to the product as defined by the specifications. In case of combinations of mixtures, one must confirm that no new hazards are likely to exist. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and integrity of the work environment. (Unless noted to the contrary, the technical information applies only to pure product). To our actual knowledge, the

Product Identifier: REGAL CALCIUM PLUS - Ver. 1

Date of Preparation: January 01, 2025

Date of Last Revision: January 01, 2025

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