

## 1. IDENTIFICATION

**Product Name** Potassium Carbonate  
**Recommended use** Feed and Fertilizer  
**Supplier** Valudor Products, LLC.  
 179 Calle Magdalena Suite 100  
 Encinitas CA 92024  
 (760) 635-8500  
**Emergency Telephone** (800) 535-5053 (Infotrac)

## 2. HAZARD IDENTIFICATION

### Classification

This product is considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Skin Irritation	Category 2
Eye Irritation	Category 2
Specific Target Organ Toxicity – Single Exposure, Respiratory system	Category 3

### Label Elements

#### GHS Pictograms



#### Signal Word

#### Warning

#### Hazard Statements

Causes skin irritation  
 Causes serious eye irritation  
 May cause respiratory irritation

#### Precautionary Statements – -Prevention

Wash thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area

#### -Response Inhalation

If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell

#### Skin

If on skin: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash it before reuse  
 If in eyes: Rinse cautiously with water for several minutes.

Eye	Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention
-Storage	Store in a well-ventilated place. Keep container tightly closed Store locked up Dispose of contents/container to an approved waste disposal plant
-Disposal	

Hazards not other classified

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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#### Substance

Chemical Name	Potassium Carbonate
Synonym	Dipotassium Salt of carbonic acid, Potassium Carbonate Anhydrous, Pear ash
Formula	CK2O3
Molecular weight	138.21 g/mol
Cas No.	584-08-7
Concentration	95-100%

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### 4. FIRST-AID MEASURES

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#### First Aid Measures

Eye Contact	Immediately rinse with plenty of water. Remove contact lenses, if present and easy to do so. Keep eye wide open while rinsing. Continue rinsing for 15 minutes. Call a doctor/physician if irritation occurs
Skin Contact	Wash off immediately with plenty of water. Remove all contaminated clothes and shoes. If skin irritation occurs, call a doctor/physician
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician

#### Most important symptoms/effects, acute and delayed

Symptoms	No information available
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### 5. FIRE-FIGHTING MEASURES

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<u>Suitable extinguishing Media</u>	Substance is nonflammable; Use any means suitable for extinguishing surrounding fire.
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#### Specific Hazards Arising from the chemical

Hazardous combustion products	Thermal decomposition can lead to the release of irritation or toxic gases and vapors; including and not limited to: Carbon oxides Potassium oxides
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**Protective equipment and precautions for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions, protective equipment, and emergency procedures**

**Personal precautions** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Use personal protection recommended in Section 8. Ensure adequate ventilation.

**Methods and materials for containment and cleanup**

**Methods for clean-up** Sweep or vacuum up and place in an appropriate closed container. Keep unauthorized personnel away. Avoid generating dust.

**Environmental Precautions** Prevent entry into waterways or sewers

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**7. HANDLING AND STORAGE**

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**Precautions for safe handling**

Avoid contact with eyes, skin and clothing. Do not breathe vapors / spray / mist / fume. Wear eye/face protection. Use only in a well-ventilated area. Avoid dust formation. Use personal protection recommended in Section 8. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Clean equipment and work area regularly.

**Conditions for safe storage, including any incompatibilities**

Store in a cool/low-temperature, well-ventilated, dry place. Keep containers closed and labeled when not in use.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the regional specific regulatory bodies

**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas. Consider the potential hazards of this material, applicable exposure limits, job activities and other substances in the work place when designing controls and selecting personal protective equipment.

**Personal Protective Equipment**

**Eye/face protection** Safety glasses are recommended in professional settings  
**Skin protection** Choose the appropriate protective clothing and gloves based on the tasks being performed to avoid exposure to skin. Wear protective gloves. Wear long sleeved clothing.  
**Respiratory protection** Not required under normal circumstances. If exposure limits are exceeded or if irritation or other symptoms are

<b>Hygiene Measures</b>	experienced use a NIOSH/MSHA approved respirator Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product.
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## 9. PHYSICAL and CHEMICAL PROPERTIES

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<b>Appearance</b>	White Powder
<b>Physical state</b>	Solid
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No information available
<b>pH</b>	11-12
<b>Melting point / freezing point</b>	No information available
<b>Boiling point / Boiling range</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Flammability</b>	No information available
<b>Flammability or explosive limits</b>	
<b>Upper</b>	No information available
<b>Lower</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Solubility in water</b>	900-1105 g/L @ 20C
<b>Partition coefficient</b>	No information available
<b>Auto-ignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available

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## 10. STABILITY AND REACTIVITY

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<b>Reactivity</b>	None known under normal conditions.
<b>Chemical stability</b>	Stable under ordinary conditions of use and storage.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Avoid dust formation.
<b>Incompatible materials</b>	Acids, Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Hazardous combustion can lead to the release of irritating gases and vapors.

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## 11. TOXICOLOGICAL INFORMATION

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### Information on likely routes of exposure

<b>Skin contact</b>	Skin Irritant
<b>Eye contact</b>	Eye Irritant
<b>Inhalation</b>	May cause irritation of respiratory tract

**Ingestion** May be harmful if swallowed

**Symptoms related to the physical chemical and toxicological characteristics**

No information available

**Delayed and immediate effects and also chronic effects form short and long-term exposure**

**Skin damage/irritation** Causes skin irritation  
**Eye damage/irritation** Causes serious eye irritation  
**Sensitization** Not classified  
**Mutagenic effects** Not classified  
**Carcinogenicity** Not classified  
**Reproductive toxicity** Not classified  
**STOT – single exposure** May cause respiratory irritation  
**STOT – repeated exposure** Not classified  
**Aspiration hazard** Not classified

**Acute Toxicity**

**Component information**

Component	Cas-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
Potassium carbonate	584-08-7	> 2,000 mg/kg	> 2,000 mg/kg	-

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**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity** Should not be released to environment

**Persistence and degradability** No information available

**Bioaccumulative potential** No information available

**Mobility in soil** No information available

**Other adverse effects** No information available

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**13. DISPOSAL CONSIDERATIONS**

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**Waste Disposal Methods** Processing, use or contamination of this product may occur during product use. Accordingly, it is the responsibility of the user to determine the proper disposal methodologies. Consult the appropriate state, regional or local regulations to ensure complete and accurate classification. Dispose of contaminated packaging in accordance with local regulations.

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**14. TRANSPORT INFORMATION**

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**DOT** Not regulated  
**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>TSCA</b>	Listed
<b>DSL</b>	Listed

**US Federal Regulations**

**TSCA section 12(b) Export Notification**

Not regulated

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).  
Not applicable

**SARA 311/312 Hazard Categorization**

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Pressure	No
Reactivity	No

**CERCLA/SARA 302 & 304**

Section 302 & 304 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). Not applicable

**CWA (Clean Water Act)**

Not applicable

**US State Regulations**

**California Proposition 65**

This product does not contain any proposition 65 chemicals

**16. OTHER INFORMATION**

**NFPA Ratings**      Health: 2                      Flammability: 0                      Reactivity: 0

Creation Date:            2/21/2016  
 Revision Date:            1/19/2020  
 Revision Number:        1.0  
 Revision Information    Creation

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the

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**Revision Date:**01/19/2020

specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text