

1. IDENTIFICATION

Product Name Potassium Carbonate
Recommended use Feed and Fertilizer
Supplier Valudor Products, Inc.
 179 Calle Magdalena Suite 100
 Encinitas CA 92024
 (760) 635 9051
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

3. COMPOSITION / INFORMATION ON INGREDIENTS

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%

4. FIRST-AID MEASURES

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
----------	--------------------------

5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing Media</u>	Substance is nonflammable; Use any means suitable for extinguishing surrounding fire.
-------------------------------------	---

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
-------------------------------	---

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.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Hygiene Measures	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.
-------------------------	---

9. PHYSICAL and CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact	Skin Irritant
Eye contact	Eye Irritant
Inhalation	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	-

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	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: 02/21/2016

Revision Date: 01/19/2020

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

Product name: Potassium Carbonate

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