

SECTION-1: Identification of the substance / mixture and the company / undertaking

Catalogue Number	CS-BQ-00001
Product Name	Potassium carbonate
CAS No.	584-08-7
Category	Fine Chemicals
Synonyms	dipotassium carbonate ,Potassium Carbonate (K ₂ CO ₃); CLIMB; DCAD Plus; Dipotassium Carbonate; FG; Pearl Ash; Potash; Potassium Carbonate; Potassium Carbonate (2:1); Potassium Carbonate (K ₂ (CO ₃)); Salt of Tartar; Sorb KX 35
Brand	Clearsynth Labs Ltd.
Identified uses	Laboratory Chemicals
Uses advised against	Not available
Company	Clearsynth Labs Ltd. Mumbai, India
Emergency Phone #	+91-22-245045900
REACH No.	Not available

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email sales@clearsynth.com for more details.

2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

- Skin irritation (Category 2)
- Serious eye damage/eye irritation (Category 2)
- Acute toxicity (Category 4)

2.2 Label Elements

Signal Word: Warning



Hazard Statement(s)

Code	Statement
H302	Harmful if swallowed.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	Not available
H318	Causes serious eye damage.
H402	Not available
H412	Not available

Precautionary Statement(s)

Code	Statement
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P319	Get medical help if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Not available
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.
P273	Not available
P305+P354+P338	Not available

P317	Not available
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SECTION 3: Composition / information on ingredients

3.1 Substance

Component : Potassium carbonate

CAS Number : 584-08-7

Molecular Formula : K_2CO_3

Molecular Weight : 138.2

Parent Chemical : -

Synonyms : dipotassium carbonate ,Potassium Carbonate (K_2CO_3); CLIMB; DCAD Plus; Dipotassium Carbonate; FG; Pearl Ash; Potash; Potassium Carbonate; Potassium Carbonate (2:1); Potassium Carbonate (K_2CO_3); Salt of Tartar; Sorb KX 35

Concentration : Not available

SECTION 4: First aid measures

Not available

SECTION 5: Firefighting measures

Not available

SECTION 6: Accidental release measures

Not available

SECTION-7: Handling and storage

Not available

SECTION 8: Exposure controls / personal protection

Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available

Test	Result
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

SECTION 10: Stability and reactivity

Not available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: /OTHER TOXICITY INFORMATION/ Too strong alkali to be used internally. In large doses it is caustic irritant. /LABORATORY ANIMALS: Acute Exposure/ Rabbit skin. Irritating (Draize test) /Potassium carbonate hydrate/

- Skin corrosion/irritation: May cause respiratory tract irritation...May cause skin irritation... May cause eye irritation.
- Serious eye damage/eye irritation: May cause respiratory tract irritation...May cause skin irritation... May cause eye irritation.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: /LABORATORY ANIMALS: Subchronic or Prechronic Exposure/ Dietary administration of 5% L-ascorbic acid plus 3% potassium carbonate to male Fischer-344 rats enhanced the development of preneoplastic and neoplastic lesions of the urinary bladder initiated with N-butyl-N-(4-hydroxybutyl)-nitrosamine. This was associated with changes in urinary parameters (elevation of pH increased potassium content, increased total ascorbic acid content). Administration of potassium carbonate without ascorbic acid increased the induction of the preneoplastic lesion, but not neoplastic lesions.
- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

SECTION 12: Ecological information

Not available

SECTION 13: Disposal considerations

Not available

SECTION 14: Transport information

Not available

SECTION 15: Regulatory information

Not available

SECTION 16: Other information

Not available

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