

POTASSIUM CARBONATE (ANHYDROUS)**1588**
April 2005CAS No: 584-08-7
RTECS No: TS7750000Carbonic acid, dipotassium salt
Dipotassium carbonate
K₂CO₃
Molecular mass: 138.2

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Not combustible.		In case of fire in the surroundings: use appropriate extinguishing media.
EXPLOSION			

EXPOSURE		PREVENT DISPERSION OF DUST!	
Inhalation	Sore throat. Cough.	Local exhaust or breathing protection.	Fresh air, rest.
Skin	Redness. Pain.	Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
Eyes	Redness. Pain.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion	Burning sensation in the throat and chest.	Do not eat, drink, or smoke during work.	Rinse mouth. Do NOT induce vomiting. Give plenty of water to drink. Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Personal protection: P2 filter respirator for harmful particles. Sweep spilled substance into containers. Wash away remainder with plenty of water.	

EMERGENCY RESPONSE	SAFE STORAGE
	Dry. Separated from strong acids.

IMPORTANT DATA

Physical State; Appearance

COLOURLESS HYGROSCOPIC CRYSTALS OR
HYGROSCOPIC WHITE POWDER

Chemical dangers

The solution in water is a medium strong base. Reacts violently
with acids, chlorine trifluoride. Reacts with powdered metals.

Occupational exposure limits

TLV not established.
MAK not established.

Routes of exposure

The substance can be absorbed into the body by ingestion.

Inhalation risk

A harmful concentration of airborne particles can be reached
quickly when dispersed.

Effects of short-term exposure

The substance is irritating to the eyes, the skin and the
respiratory tract.

PHYSICAL PROPERTIES

Melting point: 891/C
Density: 2.29 g/cm³

Solubility in water, g/100 ml at 20/C: 112

ENVIRONMENTAL DATA

NOTES

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible