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# ReAgent

## POTASSIUM CARBONATE MSDS

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	POTASSIUM CARBONATE
CAS-No.	584-08-7
EC No.	209-529-3
SUPPLIER	Reagent Chemical Services 18 Aston Fields Road Whitehouse Industrial Estate Runcorn Cheshire WA7 3DL T: 01928 716903 F: 01928 716425 E: info@reagent.co.uk
PRODUCT NO.	C0203
APPLICATION	General chemical reagent

### 2 HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

CLASSIFICATION (67/548) Xi;R36/37/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

EC No.	209-529-3
CAS-No.	584-08-7

### 4 FIRST-AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. In case of severe exposure or if any discomfort continues get medical attention.

#### INGESTION

Rinse mouth thoroughly. Get medical attention.

#### SKIN CONTACT

Remove contaminated clothing and wash before re - use. Flush skin thoroughly with water. In serious cases or if discomfort continues obtain medical attention.

#### EYE CONTACT

Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids. If possible remove any contact lenses and continue to wash. Get medical attention.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

#### SPILL CLEAN UP METHODS

Small Spillages: Mix with sand. Large Spillages: Contain and mix spillage with sand or earth. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Wash spillage site well with water and detergent, be aware of the potential for surfaces to become slippery. Wash thoroughly after dealing with a spillage.

### 7 HANDLING AND STORAGE

**POTASSIUM CARBONATE****USAGE PRECAUTIONS**

Avoid contact with skin and eyes. Wash thoroughly all exposed skin areas after using the material.

**STORAGE PRECAUTIONS**

Store in closed original container at temperatures between 15°C and 25°C. Store away from direct sunlight and moisture

**STORAGE CLASS**

Chemical storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING MEASURES**

Provide adequate ventilation and appropriate extraction when dusts are generated. Work in fume cupboard.

**RESPIRATORY EQUIPMENT**

In case of inadequate extraction or ventilation wear suitable dust respirator.

**HAND PROTECTION**

Wear protective gloves. Rubber or plastic.

**EYE PROTECTION**

Wear goggles/face shield.

**OTHER PROTECTION**

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station and safety shower.

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Solid		
COLOUR	White		
ODOUR	Odourless		
SOLUBILITY	Very soluble in water.		
MELTING POINT (°C)	891	RELATIVE DENSITY	2.4 20
BULK DENSITY	~ 0.75 kg/l	pH-VALUE, DILUTED SOLUTION	11.5 - 12.5 5% (50 g/l)
SOLUBILITY VALUE (g/100g H <sub>2</sub> O@20°C)	Approx. 112g		

**10 STABILITY AND REACTIVITY****STABILITY**

Moisture sensitive.

**MATERIALS TO AVOID**

Acids. Alkaline earth metals in powdered form

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50	2000 mg/kg (oral rat)
TOXIC CONC. - LC 50	500 mg/m <sup>3</sup> (inh. rab.)

**INHALATION**

Irritation of mucous membranes and coughing

**INGESTION**

Irritation of the mouth, the oesophagus and the gastrointestinal tract.

**SKIN CONTACT**

Irritating to skin.

**EYE CONTACT**

Irritating to eyes.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Although not classified as environmentally hazardous, harmful effects cannot be excluded in the event of improper handling or disposal. Harmful effect due to pH shift Do not allow to enter drinking water, waste water or soil.

**13 DISPOSAL CONSIDERATIONS**

**POTASSIUM CARBONATE**

## DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

## GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

**15 REGULATORY INFORMATION**

## LABELLING



Irritant

## RISK PHRASES

R36/37/38

Irritating to eyes, respiratory system and skin.

## SAFETY PHRASES

S22

Do not breathe dust.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. COSHH essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

## NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended)

**16 OTHER INFORMATION**

## GENERAL INFORMATION

Under REACH Material Safety Datasheets (MSDS) are referred to as Safety Datasheets (SDS).

## REVISION COMMENTS

This is first issue.

REVISION DATE

21/01/2008

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SDS NO.

20710

## SAFETY DATA SHEET STATUS

Approved.