

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product featured and shall not establish a legally valid contractual relationship.

1 Identification of the product and the company

1.1 Identification of the product

Designation	Packageing	Part no.
Renex BC Plus.....	25 kg	
Renex BC Plus.....	Big pack, 1000 kg	

Use
Dry chemical fire fighting agent for use in fire extinguishers and other fire fighting equipment.

1.2. Identification of the companies

Manufacturer:
Name: Dafo Fomtec AB
Address: P.O Box 683
SE-135 26 Tyresö
Tel.: Phone +46-8 506 405 00
Fax +46-8 506 405 99

2 Composition and informations on the ingredients

Ingredient	CAS-no.	EINECS no	
Calcium carbonate	1317-65-3	207-439-9	70%
Potassium Sulphate.....	7778-80-5	231-915-5	20%

3 Identification of hazards for people and environment

This product is not hazardous if used for the reason it has been developed.
Can slightly irritate the skin in presence of humidity.
Can slightly irritate the eyes.
Can irritate the respiratory tract. To consider as dust.

4 First aid measures

Eyes There might be a slight irritation which fades soon. Irrigate with water or eyewash solution for at least ten minutes, holding eyelids apart.
Skin..... Wash off with plenty of water. No serious effect.
Inhalation..... If inhaled - remove to fresh air. No serious effect.
Ingestion Rinse mouth with water and give plenty of water to drink. Do not induce vomiting. If other symptoms persist seek medical advice and treat symptomatically.

5 Fire fighting measures

It is an extinguishing agent. No special measures required.

6 Accidental release measures

People precautions: If the powder clouth is consequent use a dust mask and gloves.
Precautions of the environment: Do not evacuate through sewers.
Cleaning methods: Sweep up or use a vacuum cleaner.

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7 Handling and storage

7.1 Handling precautions

When handling this product use suitable containment methods to avoid generation of dust and local exhaust ventilation to limit personal exposure.

7.2 Storage precautions

Keep cool and dry in the absence of vibration. Maintain good housekeeping practice. Store away from hypochlorite bleach.

8 Exposure controls and personal protection

Personal Protection:

Wear suitable respiratory protection eg dust mask/respirator to reduce personal exposure to below OES. Overalls, gloves and eye protection recommended for regular handling and the normal hygiene measures adopted when using chemicals.

9 Physical and chemical properties

Form Fine, blue, pink, white or yellow powder.

Odor none

PH: 4.5% of 5 % solution in water.

Density: Settled apparent density 1000-1300 kg/m³; loose density 1,8 g/m³.

Flame point N/A

Solubility in Water: >90% after several hours. Silicon additive delays dissolution.

Decomposition: at 190°C in flame zone

10 Stability and reactivity

Reacts with acids to liberate carbon dioxide.

If powder becomes damp or hard it is not suitable for fire-fighting purposes.

11 Toxicological information

Data on acute toxicity Oral, rat, LD 50 eye, rabbit, severe irritation

Calcium carbonate 6450mg/kg 750µg/24 hours

Potassium Sulphate 6600mg/kg

Eye contact: Minor irritant. Possibility of transient irritation.
No chronic effect known. No classification.

Skin contact: Minor irritant. Possibility of transient irritation.
No chronic effect known. No classification.

Inhalation: To consider as dust. Irritation of the respiratory tract.
No chronic effect known. No classification.

Ingestion: Irritation of the stomach,
No chronic effect known. No classification.

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12 Ecological information

Because product is soluble in water it could raise the pH if washed into water courses. In the event of large spillage, advise appropriate authority.

13 Disposal considerations

Recovery:..... By brushing and aspiration.

Neutralisation: Not necessary.

Disposal: Normally as fertilizer through an approved specialized company according to local and current authority regulations. European disposal No. 160 502

Contaminated packaging: N/A

To avoid: see point 8.

The European, National, Federal, regional or community rules are to be followed.

14 Transport information

No prescriptions.

International transport informations: N/A

15 Regulatory information

The material is not subject to classification according to EC lists and other sources of literature known to us. Observe the normal Safety Regulations when handling chemicals.

The material is not subject to identification regulations under EC directives and the Ordinance on Hazardous Materials.

16 Complementary general information

The information in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on safety health and environmental aspects of the product and should not be construed as any guarantee of performance. The product should not be used for purposes other than fire-fighting without first referring to the supplier. The user is responsible for ensuring that requirements of relevant legislation are complied with.

The distributor is not responsible for any misuse