

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)	Seite:1 von 3
Manufacturer/Supplier: RÜHL FEUERLÖSCHMITTEL GMBH	Print date: 05.05.2014
Trade Name: BC Standard	Revision date: 05.05.2014

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

Trade name:	BC Standard
Use of the substance/preparation	Fire extinguishing powder for the fire classes B and C.
Manufacturer/Supplier:	RÜHL FEUERLÖSCHMITTEL GMBH Hugenottenstr. 105 61381 Friedrichsdorf/GERMANY
Informing department (during business hours):	Tel.: +49 6172 / 733-277 Dr. B. Reitz E-Mail: bernhard.reitz@ruehl-ag.com
Emergency telephone:	Berlin/GERMANY: +49 30 / 1 92 40

2. HAZARDS IDENTIFICATION

In case of long lasting contact with fire extinguishing powders the skin may become dry.

3. COPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:

Fire extinguishing powder based on sodium bicarbonate and calcium carbonate.

Hazardous components:

Does not contain dangerous materials as defined by ordinance on hazardous materials.

Main component	CAS-Nr.:	EINECS-Nr.:
Sodium hydrogencarbonate	144-55-8	205-633-8
Calcium carbonate	1317-65-3	215-279-6

4. FIRST AID MEASURES

In case of eye contact:

Rinse eyes immediately with water for at least 15 minutes. In case of persistent irritation consult eye specialist.

5. FIRE FIGHTING MEASURES

The product itself is not flammable. Adapt extinguishing measures to material stored in the immediate neighbourhood.

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)	Seite:2 von 3
Manufacturer/Supplier: RÜHL FEUERLÖSCHMITTEL GMBH	Print date: 05.05.2014
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6. ACCIDENTIAL RELEASE MEASURES

Measures for cleaning/collecting: Small quantities can be removed by vacuum cleaners. Larger quantities shall be swept together. Disposal in accordance with local regulations.

7. HANDLING AND STORAGE

Product shall be stored under dry conditions in original packages.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with critical values that require monitoring at the workplace: none

General protective and hygienic measures:

Keep away from foodstuff and beverage. Avoid contact with skin and eyes.

Personal protection equipment:

Respiratory protection: In case of high and long-lasting dust contamination use a dust mask.

Hand protection: If required use gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

		Evaluation method:
Form:	Solid, similar to dust	
Colour:	White	
pH-value:	Approx. 8 (Suspension 10 % in Water).	DIN ISO 787/9
Decomposition temperature	Approx. 60 °C	
Melting range:	> Approx. 850 °C (decomposition)	
Density:	Approx. 2,2 g/mL at 20 °C	

10. STABILITY AND REACTIVITY

Avoiding conditions:

Avoid contact with acids and mixing with ABC fire extinguishing powders.

11. TOXICOLOGICAL INFORMATION

LD-50 Rat (oral) > 2000 mg/kg

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)	Seite:3 von 3
Manufacturer/Supplier: RÜHL FEUERLÖSCHMITTEL GMBH	Print date: 05.05.2014
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12. ECOLOGICAL INFORMATION

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

Water hazard class (Germany): 1 (slightly polluting substance)

13. DISPOSAL CONSIDERATIONS

Product:

Residues of BC fire extinguishing powders have to be supplied to an approved waste disposal company.

Packaging:

Recommendation: Evacuate completely before delivering to a recycling company.

14. TRANSPORT INFORMATION

Product is no subject to transport regulations.

15. REGULATORY INFORMATION

Chemical safety assessment:

A chemical safety assessment for components in this preparation is not made.

Labelling according to EG guidelines: None

The product is not classified as dangerous according to EC Directives.

Hazardous components for labelling: None

National regulations (GERMANY):

Wassergefährdungsklasse (water hazard class): 1 (slightly polluting substance)

16. OTHER INFORMATION

Authorisations and restrictions on use:

Product described in this safety data sheet may only be used for fire extinguishing purposes.

RÜHL FEUERLÖSCHMITTEL GMBH - FLM-LABOR.

Tel.: +49 6172/733-277, Dr.B.Reitz

The data are based on our current knowledge. However, they shall not constitute a guarantee for any specific product properties. Existing laws and regulations have to be observed by consignee in his own responsibility.
