

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : BALINIT® X.CEED
Version : 02.06.2008 7.0.0
Revision : 16.01.2008

01. Identification of the substance/preparation and of the company/undertaking

Product name

BALINIT® X.CEED

Manufacturer/Supplier

Borer Chemie AG

Street/P.O.Box

Gewerbestrasse 13

Country code/Postal code/Town/City

4528 Zuchwil

Telephone / Telefax

0041 32 686 56 00 / 0041 32 686 56 90

Emergency information

Schweizerisches Toxikologisches Informationszentrum +41 44 251 51 51

Contact

+49 6211 567 206 / product.safety@borer.ch

02. Hazards identification

Hazard designation

Additional information

There are no data available on the product itself.

03. Composition/information on ingredients

Hazardous components

ALUMINIUM POWDER (PYROPHORIC) ; EC-No. : 231-072-3; CAS-No. : 7429-90-5

Percentage : 15 - 30 %

Classification : F ; R 17 F ; R 15

ALUMINIUM NITRIDE ; EC-No. : 246-140-8; CAS-No. : 24304-00-5

Percentage : < 5 %

Classification : Xi ; R 37

For the wording of the listed risk phrases refer to section 16.

04. First-aid measures

After inhalation

No particular measures required.

After skin contact

Immediately remove all contaminated clothing. Flush away with water and rinse.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

Do not induce vomiting - call a physician.

05. Fire-fighting measures

Suitable extinguishing media

Foam, CO₂, powder extinguisher.

Unsuitable extinguishing media

None known.

Additional information

None.

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06. Accidental release measures

Personal precautions

Take the precautions customary when handling chemicals.

Environmental precautions

Do not empty into drains.

07. Handling and storage

Information for safe handling

Normal precautions taken when handling chemicals should be observed.

Information about protection against explosions and fires

No anti-explosion measures necessary.

Further information about storage conditions

Containers should be kept dry and sealed.

Storage class (VCI) : 13

08. Exposure controls/personal protection

Components with critical values that require monitoring at the workplace (exposure limits)

ALUMINIUM POWDER (PYROPHORIC) ; CAS-No. : 7429-90-5

Specification : TRGS 903 - biological maximum limits (D)
Parameter : Aluminium / urine / end of exposure or shift
Value : 0.2 mg/l
Version date : 31.03.2004

Personal protective equipment

General protective and hygiene measures

Keep away from food, drink and animal feeding stuff

Respiratory protection

Fresh air masks are recommended, or combination filters A2-P2 for works of short duration.

Eye protection

Use safety glasses.

Body protection

No particular measures required.

09. Physical and chemical properties

Image

Form : Solid.
Colour : Violet-grey
Odour : Odourless.

Relevant safety data

| | | | |
|--------------------------------|--------------|-------------------|-----|
| Boiling point / range : | (1013 hPa) | not applicable | °C |
| Flash point : | | not applicable | °C |
| Vapour pressure : | (50 °C) | no data available | hPa |
| Solubility in water : | (20 °C) | insoluble | g/l |

Additional information

Microhardness (HV 0.05): 3300 Friction coefficient against steel: 0.4

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Materials to avoid

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Reaction with oxidizing agents possible. Reactions with acids possible

11. Toxicological information

Toxicological tests

Primary irritant effect

No known toxic effects on humans.

12. Ecological information

Additional ecological information

General ecological information

Do not empty the product into drains, do not store on public depositories disposal: in accordance with local official regulations.

13. Disposal considerations

In accordance with local official regulations.

Product

Waste key

Waste code (91/689/EEC) : 06 04 05*

14. Transport information

Land transport ADR/RID

Classification

Class : -

Remarks

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EC directives

Special designation for certain preparations

101 Safety data sheet available for professional user on request.

National regulatory information

Water pollution classification (Germany)

Class : - according VwVWS

16. Other information

The user is responsible for the observance of all required statutory provisions.

Further information

R-Phrases of components

15 Contact with water liberates extremely flammable gases.
17 Spontaneously flammable in air.
37 Irritating to respiratory system.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
