

# Material Safety Data Sheet

according to Regulation (EC) 1907/2006

**Product name :** BALINIT® ALCRONA  
**Version :** 02.06.2008 7.0.0  
**Revision :** 06.12.2006

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

### Product name

BALINIT® ALCRONA

### Manufacturer/Supplier

### Street/P.O.Box

Gewerbstrasse 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

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## 02. Hazards identification

### Hazard designation

### Additional information

There are no data available on the product itself.

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## 03. Composition/information on ingredients

### Hazardous components

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.

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## 04. First-aid measures

### After inhalation

No particular measures required.

### After skin contact

Wash away with soap and 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.

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## 05. Fire-fighting measures

### Suitable extinguishing media

Foam, CO2, powder extinguisher.

### Unsuitable extinguishing media

None known.

### Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

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.

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## 07. Handling and storage

### Information for safe handling

Only use in locations with adequate suction ventilation.

### Information about protection against explosions and fires

No anti-explosion measures necessary.

### Information about separation of incompatible products

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

### Further information about storage conditions

Containers should be kept dry and sealed.

**Storage class (VCI) :** 13

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## 08. Exposure controls/personal protection

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

CHROM ; CAS-No. : 7440-47-3

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace ( D )

Parameter : inhaleable fraction calculated by chromate

Value : 0.05 mg/m<sup>3</sup>

Category : 4

Remarks : TRK

Version date :

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.

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## 09. Physical and chemical properties

### Image

**Form :** Solid.

**Colour :** blue-grey

**Odour :** Odourless.

### Relevant safety data

**Boiling point / range :** ( 1013 hPa ) no data available °C

**Decomposition point / range :** > 1100 °C

**Flash point :** not applicable °C

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**Density :** ( 20 °C ) 5.9 g/cm<sup>3</sup>  
**Solubility in water :** ( 20 °C ) insoluble g/l

## Additional information

Friction coefficient against steel: 0.35 Microhardness (HV 0.05): 3200

## 10. Stability and reactivity

### Conditions to avoid

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

### Materials to avoid

strong acid and basic conditions, metals

## 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

#### Emission control act ("TA-Luft")

Sum cancerogen substances class I : 97 - 98 %

#### Water pollution classification (Germany)

Class : 3 according VwVWS

## 16. Other information

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

## Further information

### R-Phrases of components

37 Irritating to respiratory system.

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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.

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