

# Safety data sheet

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BASF Safety data sheet according to 91/155/EEC

Date / Revised: 11.08.2004

Version: 1.0

Product: **Ultrahold\* Strong**

(30035033/SDS\_COS\_EU/EN)

Date of print 27.02.2008

## 1. Substance/preparation and company identification

### Ultrahold\* Strong

Use: Polymer, cosmetic ingredient

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Care Chemicals

Telephone: +49 621 60-28444

Telefax number: +49 621 60-28189

E-mail address: EM-Masterdata@basf.com

Emergency information:

Telephone: +49 180 2273-112

Telefax number: +49 621 60-92664

## 2. Composition/information on ingredients

Chemical nature

INCI Name: Acrylates/t-Butylacrylamide Copolymer

Polymer based on:

2-Propenoic acid, polymer with N-(1,1-dimethylethyl)-2-propenamide and ethyl 2-propenoate

CAS Number: 26062-56-6

## 3. Hazard identification

No particular hazards known.

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#### 4. First-aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth and then drink plenty of water.

Note to physician:

Treatment: Symptomatic treatment (decontamination, vital functions).

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#### 5. Fire-fighting measures

Suitable extinguishing media:

water spray, carbon dioxide, dry extinguishing media, foam

Specific hazards:

carbon monoxide, nitrogen oxides, cyanides

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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#### 6. Accidental release measures

Personal precautions:

Avoid dust formation.

Environmental precautions:

Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Sweep/shovel up.

For large amounts: Sweep/shovel up.

Dispose of absorbed material in accordance with regulations.

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## 7. Handling and storage

### Handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

### Storage

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

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## 8. Exposure controls and personal protection

### Components with workplace control parameters

none

### Personal protective equipment

Respiratory protection:

Breathing protection if dusts are formed. Particle filter Type P1 or FFP1 (low efficiency for solid particles e.g. EN143,149).

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on own tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374.

Eye protection:

Safety glasses with side-shields (frame goggles) (EN 166)

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and chemical properties

Form: free flowing fine granules  
Colour: white  
Odour: faint specific odour

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pH value: 5 - 6  
(as suspension)

melting range: 140 - 150 °C

Flash point: > 150 °C  
Ignition temperature: approx. 400 °C  
Minimum ignition energy: > 1.3 J

Bulk density: 700 - 800 kg/m<sup>3</sup>

Solubility in water: sparingly soluble  
Solubility (qualitative) solvent(s): organic solvents  
soluble

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## 10. Stability and reactivity

Thermal decomposition: > 100 °C

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological information

LD50/oral/rat/male/female: > 3,000 mg/kg

The product has not been tested. The statement has been derived from products of a similar structure and composition. Literature data.

LD50/dermal/rabbit/male/female: > 6,000 mg/kg

The product has not been tested. The statement has been derived from products of a similar structure and composition. Literature data.

Primary skin irritation/rabbit: non-irritant

The statement for skin irritation was derived from products of similar composition. Literature data.

Skin sensitizing effects were not observed in animal studies.

Further information:

No mutagenic effect was found in various tests with mammalian cell culture and mammals.

The product has not been tested. The statement has been derived from products of a similar structure and composition.

Literature data.

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## 12. Ecological information

### Ecotoxicity

Toxicity to fish:  
DIN 38412 Part 15 static  
Leuciscus idus/LC50 (96 h): > 10,000 mg/l  
The details of the toxic effect relate to the nominal concentration.

Assessment of aquatic toxicity:  
There is a high probability that the product is not acutely harmful to aquatic organisms.  
The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.  
The product has not been tested. The statement has been derived from products of a similar structure and composition.

### Persistence and degradability

#### Elimination information

Test method: OECD Guideline 301 F (aerobic), activated sludge, domestic  
Method of analysis: BOD of the ThOD  
Degree of elimination: < 20 % (28 d)

Assessment: Not readily biodegradable (by OECD criteria). Poorly biodegradable. The product has not been tested. The statement has been derived from products of a similar structure and composition.

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## 13. Disposal considerations

Observe national and local legal requirements.

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## 14. Transport information

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

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## 15. Regulatory information

### Regulations of the European union (Labelling) / National legislation/Regulations

not subject to labelling

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### Other regulations

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## 16. Other information

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.