

Safety data sheet

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BASF Safety data sheet according to 91/155/EEC

Date / Revised: 26.10.2005

Product: **Cremophor* A 25**

Version: 1.0

(30274706/SDS_COS_GB/EN)

Date of print 08.04.2009

1. Substance/preparation and company identification

Cremophor* A 25

Use: Polymer, cosmetic ingredient

Company:

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Emergency information:

International emergency number:

Telephone: +49 180 2273-112

2. Composition/information on ingredients

Chemical nature

INCI Name: Cetareth-25

fatty alcohol ethoxylate

3. Hazard identification

No particular hazards known.

4. First-aid measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

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: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media:

dry extinguishing media, foam

Unsuitable extinguishing media for safety reasons:

carbon dioxide

Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

Specific hazards:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Avoid dust formation. Use personal protective clothing.

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Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

Avoid raising dust.

7. Handling and storage

Handling

Protect against moisture. Shut containers immediately after taking product because product takes up the humidity of air. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges.

Storage

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

8. Exposure controls and personal protection

Components with workplace control parameters

The general dust limit value is to be kept.

Personal protective equipment

Respiratory protection:

Suitable respiratory protection for lower concentrations or short-term effect: Particle filter Type P2 or FFP2, (medium efficiency for solid and liquid particles e.g. EN143,149)

Hand protection:

Chemical resistant protective gloves (EN 374)

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

nitrile rubber (NBR) - 0.4 mm coating thickness

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. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

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

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General safety and hygiene measures:
Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

9. Physical and chemical properties

Form:	powder	
Colour:	colourless to yellowish	
Odour:	product specific	
pH value:	approx. 7 (50 g/l, 23 °C)	(DIN/EN 1262)
solidification temperature:	approx. 37 °C	(DIN/ISO 2207)
drop point:	approx. 47 °C	(DIN 51801)
Flash point:	> 100 °C	(DIN 51758)
Ignition temperature:	> 200 °C	(DIN 51794)
Bulk density:	approx. 600 kg/m ³	(DIN/ISO 697)
Solubility in water:	soluble	
Solubility (qualitative) solvent(s):	aromatic hydrocarbons, ethanol soluble	
Viscosity, dynamic:	approx. 70 mPa.s (60 °C)	

10. Stability and reactivity

Hazardous reactions:

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

Hazardous decomposition products:

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

11. Toxicological information

LD50/oral/rat: > 2,000 mg/kg

Primary skin irritation/rabbit: non-irritant (BASF-Test)

Primary irritations of the mucous membrane/rabbit: non-irritant (BASF-Test)

12. Ecological information

Ecotoxicity

Toxicity to fish:

Leuciscus idus/LC50 (96 h): 1 - 10 mg/l

Microorganisms/Effect on activated sludge:

DEV-L2

activated sludge/EC10: > 5,000 mg/l

Persistence and degradability

Elimination information

Test method: mod. OECD 303A
Method of analysis: Bismuth-active substance
Degree of elimination: >= 90 %
Evaluation:

Analogous: Assessment derived from products with similar chemical character.

Test method: OECD 301B; ISO 9439; 92/69/EEC, C.4-C
Method of analysis: CO₂ formation relative to the theoretical value
Degree of elimination: > 60 % (28 d)
Evaluation: Readily biodegradable.

Chemical oxygen demand (COD): approx. 2,000 mg/g

Biochemical oxygen demand (BOD): 310 mg/g

Additional information

Other ecotoxicological advice:

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. Do not release untreated into natural waters.

13. Disposal considerations

Must be dumped or incinerated in accordance with local regulations.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).

Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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14. Transport information

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

15. Regulatory information

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

not subject to labelling

Other regulations

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

16. Other information

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

If you have any queries relating to this MSDS, it's contents or any other product safety related questions, please write to the following e-mail address: product-safety-north@basf.com

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.