

Safety data sheet

according to 91/155/EEC

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BASF Safety data sheet
Date / revised: 13.09.1994
Product: LUVISET* CA 66

ME 00047 (D/E)
version 3.00

(Print date: 29.04.1998)

1. Substance/preparation and company name**LUVISET* CA 66**

Company:
BASF Aktiengesellschaft
Unternehmensbereich Feinchemie
D-67056 Ludwigshafen
Tel.: 0621-60-0

Emergency information:
BASF works fire brigade Ludwigshafen
Tel.: 0621-60-43333

Fax: 0621-60-92664

2. Composition/information on ingredientsChemical nature

Copolymer of: vinyl acetate and crotonic acid in ratio 90:10

CAS-No. 25609-89-6

EINECS-No. - (polymer; starting
materials listed in: EINECS)

INCI-name: VA/Crotonates Copolymer

3. Possible hazards

Critical hazards to man and the environment: none

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.

5. Fire fighting measuresSuitable extinguishing media: water, powder, dry extinguishing media,
halonsSpecial protective equipment: In case of fire, wear a self contained
breathing apparatus.Further information: Dispose of fire debris and contaminated
extinguishing water in accordance with local regulations.**6. Accidental release measures**Personal precautions: If breathable dust is formed: Breathing
protection required.

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Pick up immediately as product renders
floors slippery, sweep/shovel up.

7. Handling and storage

Handling

Protection against fire and explosion: Take precautionary measures against static discharges.

Storage

Keep tightly closed in a dry and cool place.

8. Exposure controls and personal protection

Additional information on the lay-out of technical plant
(see 7)

Components with workplace control parameters

Product contains as residual monomer(s):

vinyl acetate (traces):
MAK: 10 ml/m³ = 35 mg/m³ (Germany)
TLV: 10 ppm = 35 mg/m³

Personal protective equipment

Respiratory protection: If breathable dust is formed.

Hand protection: protective gloves

Eye protection: safety glasses with side-shields

General safety and hygiene measures: The usual precautions for the handling of chemicals must be observed.

9. Physical and chemical properties

Form: powder
Colour: colourless
Odour: almost odourless

Change in physical state
Melting point/melting range: 88 °C

Flash point: not applicable

Explosion limits: not applicable

Ignition temperature: 440 °C (DIN 51 794)

Vapour pressure: not applicable

Bulk density: 700 kg/m³ (approx.)

Solubility in water: (23 °C) < 1 mg/l

pH value: not applicable

Viscosity: not applicable

Other information: none

10. Stability and reactivity

Thermal decomposition: Stable up to approximately 300 °C.

Hazardous reactions: None provided product is correctly processed.

Hazardous decomposition products: None provided product is correctly processed.

11. Toxicological information

Acute toxicity

LD50/oral/rat: > 10 000 mg/kg
LC50/inhal./rat: > 5.5 mg/l / 4 h (approx. 20% solution)

Primary skin irritation/rabbit/Draize test: non-irritant
Primary mucous membrane irritation/rabbits' eyes/Draize test:
non-irritant

12. Ecological information

Elimination information

Test method: OECD 301C/ ISO 9408/ EEC 84/449/V, C.7
Method of analysis: BOD of COD
Degree of elimination: < 20%
Evaluation: not readily biodegradable

Behaviour and environmental fate

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Inhibition of respiration in activated sludge EC20 160 mg/l
(ISO 8192B/ OECD 210/ EEC 88/302 C). (approx.)

Ecotoxic effects

Toxicity to fish (acute):
Test method: DIN 38 412, L1, L15
LC50/Leuciscus idus/: > 10 000 mg/l/96h
No Observed Effect Concentration (NOEC): 10 000 mg/l
EC/LC0(48 h): 10 000 mg/l mg/l

Toxicity to bacteria: Pseudomonas putida:
Test method: DIN 38412 Part 27 (draft)
EC/LC10(0.5 h): > 10 000 mg/l
EC/LC50 (0.5 h): > 10 000 mg/l
EC/LC90(0.5 h): > 10 000 mg/l

Further ecological information

Do not discharge product into natural waters without pretreatment
(biological treatment plant).

COD-Value: 1127 mg/g

The product was not tested. The statement was derived from products
of a similar structure and composition. (Luviset CAP).

13. Disposal considerations

Product: Must be disposed of by special means, e.g. suitable
incineration, in accordance with local regulations.

14. Transport information

Not classified as hazardous under transport regulations.

15. Regulatory information

Labelling according to EEC Directives

not subject to labelling

National legislation/regulations

Water hazard class: WGK (1) (Germany) (BASF self-classification)

16. Other information

A backslash in the left hand margin indicates 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.
