

**Safety data sheet**

according to 91/155/EEC

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BASF Safety data sheet

ME 00238 (D/E)

Date / revised: 09.05.1996

version 3.00

Product: SICOVIT\* CHINOLINE YELLOW 70 E 104

(Print date: 29.04.1998)

**1. Substance/preparation and company name****SICOVIT\* CHINOLINE YELLOW 70 E 104**Company:BASF Aktiengesellschaft  
Unternehmensbereich Feinchemie  
D-67056 Ludwigshafen  
Tel.: 0621-60-0Emergency information:BASF works fire brigade Ludwigshafen  
Tel.: 0621-60-43333

Fax: 0621-60-92664

**2. Composition/information on ingredients**Chemical natureQuinoline dye  
CI Acid Yellow 3  
CI 47005CAS-No. 95193-83-2  
CAS-No. 8004-92-0EINECS-No. 305-897-5  
EINECS-No. -**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 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 measures**

Suitable extinguishing media: water, foam, dry extinguishing media

Special 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: Sweep/shovel up.

## 7. Handling and storage

### Handling

Protection against fire and explosion: Handle in accordance with good industrial hygiene and safety practice.

Technical protective measures: Breathing must be protected when large quantities are decanted without local exhaust ventilation.

### 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  
none

### 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: yellow  
Odour: odourless

Bulk density: 700 kg/m<sup>3</sup> (approx.)

Solubility in water: (20 °C) 225 g/l

pH value: (at 10 g/l, 20°C) 7-8

Viscosity: not applicable

Other information: none

## 10. Stability and reactivity

Thermal decomposition: >150 °C

Hazardous reactions: none

Hazardous decomposition products: none

## 11. Toxicological information

### Acute toxicity

LD50/oral/rat: >2000 mg/kg

Primary skin irritation/rabbit/: non-irritant

Primary mucous membrane irritation/rabbits' eyes/: non-irritant

Acute inhalation hazard (rat; test results depending on toxicity and volatility): No mortality after 7 h exposure in a highly enriched and/or saturated atmosphere at 20°C.

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## 12. Ecological information

### Elimination information

Test method: OECD 302B/ ISO 9888/ EEC 88/302, C  
Method of analysis: DOC reduction  
Degree of elimination: < 20%  
Evaluation: hard to eliminate

### Behaviour and environmental fate

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

No inhibition of breathing of adapted activated sludge up to 1000 mg/l: ( Warburg test: DEV/L2 ).

### Ecotoxic effects

no data available

### Further ecological information

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

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## 13. Disposal considerations

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

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## 14. Transport information

Not classified as hazardous under transport regulations.

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## 15. Regulatory information

### Labelling according to EEC Directives

not subject to labelling

### National legislation/regulations

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

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## 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.

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