

Safety Data Sheet

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BASF ChemTrade GmbH Safety Data Sheet according to (EG) 1907/2006 (REACH)

Date / Revised: 02.10.2007

Version: 1.2

Product: **Sicovit® Tartrazine 85 E 102**

30035169/SDS_RegEur/EN

Date of print: 30.11.2007

1. Substance/Preparation and Company Identification

SICOVIT® TARTRAZINE 85 E 102

Use: Chemical

Company:

BASF ChemTrade GmbH
Industriestrasse 20
91593 Burgbernheim, Germany
Telephone: +49-9843-9828-0
Telefax: +49-9843-9828-900
E-Mail: info-chemtrade@basf.com

Emergency information:

Fire brigade BASF AG Ludwigshafen
Telephone: +49-621-60-43333
Telefax: +49-621-60-92664

2. Hazard Identification

May cause sensitization by skin contact.

3. Composition/Information on Ingredients

Chemical nature

INCI Name: Acid Yellow 23

azo dye

CAS Number: 1934-21-0

EC Number: 217-699-5

C.I. Acid Yellow 23

C.I. 19140

Xi: Irritant

R43

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).

5. Fire-Fighting Measures

Suitable extinguishing media:

water, foam, dry extinguishing media

Unsuitable extinguishing media for safety reasons:

carbon dioxide

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

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

6. Accidental Release Measures

Personal precautions:

Avoid dust formation. Breathing protection required.

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.

7. Handling and Storage

Handling

Protection against fire and explosion:

Avoid dust formation. Containers should be earthed during decanting operations. 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.

8. Exposure Controls and Personal Protection

Components with workplace control parameters

none

Personal protective equipment

Respiratory protection:

Breathing protection if breathable aerosols/dust are formed. Particle filter EN 143 Type P1, low efficiency (solid particles of inert substances).

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.

9. Physical and Chemical Properties

Form: powder
Colour: yellow
Odour: odourless

pH value: 7 – 8
(10 g/l, 20 °C)

Bulk density: approx. 400 kg/m³

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Solubility in water: 160 g/l
(20 °C)

Solubility (qualitative)
solvent(s): organic solvents soluble

Partitioning coefficient
n-octanol/water
(log Pow): -10.2 (calculated)
(25 °C)

10. Stability and Reactivity

Thermal decomposition:
> 150 °C

Hazardous reactions:
Dust explosion hazard.

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

11. Toxicological Information

LD50/oral/mouse: > 12,750 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/guinea pig: non-irritant
The product has not been tested. The statement has been derived from products of a similar structure and composition. Literature data.

Primary irritations of the mucous membrane/rabbit: non-irritant
The product has not been tested. The statement has been derived from products of a similar structure and composition. Literature data.

Sensitization/Guinea pig maximization test/guinea pig: sensitizing
The product has not been tested. The statement has been derived from products of a similar structure and composition. Literature data.

Caused sensitization in animal studies.

Further information:

The substance was not mutagenic in bacteria.
Literature data.
The product has not been tested. The statement has been derived from products of a similar structure and composition.

12. Ecological Information

Ecotoxicity

Toxicity to fish:

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DIN 38412 Part 15 static

Oncorhynchus mykiss/LC50 (96 h): > 500 mg/l

The details of the toxic effect relate to the nominal concentration. The product has not been tested.

The statement has been derived from products of a similar structure and composition.

Aquatic invertebrates:

OPP 72-2 (EPA-guideline) static

Ceriodaphnia sp./EC50 (48 h): 5,707 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.

Persistence and degradability

Assessment: Not easily biodegradable (by OECD criteria).

Bioaccumulation potential

Accumulation in organisms is not to be expected.

13. Disposal Considerations

Observe national and local legal requirements.

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 (Labeling) / National Legislation/Regulations**

Hazard symbol(s)

Xi Irritant.

R-phrase(s)

R43 May cause sensitization by skin contact.

S- phrase(s)

S22 Do not breathe dust.

S24 Avoid contact with skin.

Hazard determinant component(s) for labelling: TARTRAZINE

Other regulations

EU directives:

System of specific information relating to Dangerous Preparations. 2001/58/EC.

16. Other Information

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.