

Safety Data Sheet

Page: 1/4

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

Date / Revised: 09.10.2007

Version: 1.2

Product: **Sicovit® Erythrosine 88 E 127**

30050372/SDS_RegEur/EN

Date of print: 30.11.2007

1. Substance/Preparation and Company Identification

SICOVIT® ERYTHROSINE 88 E 127

Use: Colourants for industrial use.

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

No particular hazards known.

3. Composition/Information on Ingredients

Chemical nature

disodium 2-(2,4,5,7-tetraiodo-6-oxido-3-oxoxanthen-9-yl)benzoate (Erythrosine)

CAS Number: 16423-68-0

EC Number: 240-474-8

C.I. Acid Red 51

C.I. 45430

4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

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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, carbon dioxide

Specific hazards:

halogen compounds

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:

Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions:

Do not empty into drains.

Methods for cleaning up or taking up:

For small amounts: Sweep/shovel up.

For large amounts: Sweep/shovel up.

Avoid raising dust. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling:

Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Handle in accordance with good industrial hygiene and safety practice.

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 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.

9. Physical and Chemical Properties

Form:	powder
Colour:	dark red brown
Odour:	odourless
pH value:	6.8 – 7.8 (65 g/l, 20 °C)
Bulk density:	660 – 680 kg/m ³
Solubility in water:	65 g/l (20 °C)

10. Stability and Reactivity

Thermal decomposition:

>200°C

Hazardous reactions:

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

Hazardous decomposition products:

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Halogen compounds.

11. Toxicological Information

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

12. Ecological Information

Ecotoxicity

Microorganisms/Effect on activated sludge:

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

Additional information

Other ecotoxicological advice:

Do not release untreated into natural waters.

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

| S-phrases)

| S22

Do not breathe dust.

The product does not require a hazard warning label in accordance with EC Directives.

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.