

Safety data sheet

according to 91/155/EEC

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BASF Safety data sheet
Date / revised: 12.02.1996
Product: **FD&C BLUE NO.1**

ME 00403 (D/E)
version 5.00

(Print date: 29.04.1998)

1. Substance/preparation and company name

FD&C BLUE NO.1

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 ingredients

Chemical nature

Triphenyl methane dye
CI Acid Blue 9 CI 42090

CAS-No. 3844-45-9

EINECS-No. 223-339-8

3. Possible hazards

Critical hazards to man and the environment: None

4. First aid measures

No special measures necessary.

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: dust mask

Environmental precautions: Do not let product enter drains.

Methods for cleaning up: Contain with dust binding material and dispose.

7. Handling and storage

Handling

Protection against fire and explosion: Ensure thorough ventilation of stores and work areas.

Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

Containers should be earthed during decanting operations.

Storage

Keep tightly closed in a dry, cool and well-ventilated 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: dust mask

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: greenish - blue
Odour: odourless

Solubility in water: (20 'C) 40 g/l

Viscosity: not applicable

10. Stability and reactivity

Thermal decomposition: >150 'C

Substances to avoid: oxidizing agent

Hazardous reactions: dust explosion hazard

Hazardous decomposition products: None provided product is correctly processed.

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

12. Ecological information

Elimination information

No data available

Behaviour and environmental fate

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

Ecotoxic effects

No data available

Further ecological information

The product should not be allowed to find its way into inshore waters without pretreatment (biological sewage treatment plant).

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) (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.
