

# Safety Data Sheet

## Basazol® Red PR 8591

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Version: 1.1

(30167659/SDS\_GEN\_US/EN)

### 1. Product and Company Identification

Use: Colorants for the paper industry

CompanyBASF CORPORATION  
100 Campus Drive  
Florham Park, NJ 07932, USA24 Hour Emergency Response InformationCHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP

Chemical family: triphenylmethane dye

### 2. Hazards Identification

Emergency overview

WARNING:

CORROSIVE LIQUID.

Risk of serious damage to eyes.

Harmful if swallowed.

Avoid contact with the skin, eyes and clothing.

Wear full face shield if splashing hazard exists.

Wear appropriate respiratory protection.

Wear protective clothing.

State of matter: liquid

Colour: red

Odour: moderate odour, of acetic acid

Potential health effects**Primary routes of exposure:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

**Sensitization:**

Caused sensitization in humans.

### 3. Composition / Information on Ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
64-19-7	>= 45.0 - <= 55.0 %	489909-5011/5018-P-CP
7732-18-5	>= 25.0 - <= 35.0 %	Acetic acid
	>= 1.0 - <= 10.0 %	Water

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25265-71-8      >= 1.0 - <= 10.0 %      dipropylene glycol

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### 4. First-Aid Measures

**General advice:**

Remove contaminated clothing.

**If inhaled:**

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

**If on skin:**

Wash affected areas thoroughly with soap and water. Immediate medical attention required.

**If in eyes:**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Immediate medical attention required.

**If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

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### 5. Fire-Fighting Measures

Flash point: > 100 °C

*Information on: Acetic acid*

Flash point: 39 °C (other, closed cup) Literature data.

Autoignition:

not determined

*Information on: Acetic acid*

Autoignition: 463 °C Literature data.

Self-ignition temperature:

not self-igniting

**Suitable extinguishing media:**

water spray, dry powder, carbon dioxide, foam

**Hazards during fire-fighting:**

No particular hazards known.

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

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### 6. Accidental release measures

**Environmental precautions:**

This product is regulated by CERCLA ('Superfund').

**Cleanup:**

For small amounts: Do not spread product with water. Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations. Place into corrosion proof drums.

For large amounts: Dike spillage. Pump off product.

For residues: Oxidize with sodium hypochlorite or hydrogen peroxide. Do not spread product with water.

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### 7. Handling and Storage

#### Handling

**Protection against fire and explosion:**

No explosion proofing necessary.

#### Storage

**General advice:**

Store protected against freezing.

### 8. Exposure Controls and Personal Protection

**Advice on system design:**

Provide local exhaust ventilation to maintain recommended P.E.L.

#### Personal protective equipment

**Respiratory protection:**

Wear respiratory protection if ventilation is inadequate.

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

**General safety and hygiene measures:**

Eye wash fountains and safety showers must be easily accessible. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately.

### 9. Physical and Chemical Properties

Form:	liquid		
Odour:	moderate odour, of acetic acid		
Colour:	red		
pH value:	approx. 2 - 3.5		
Freezing point:	-5 °C		
Boiling point:	approx. 100 °C	( 1 ATM)	
Vapour pressure:		( 20 °C)	not applicable
Density:	1.1 g/cm3	( 20 °C)	
Viscosity, dynamic:			not applicable
Solubility in water:			miscible
Miscibility with water:			soluble

### 10. Stability and Reactivity

**Conditions to avoid:**

Avoid extreme heat.

**Substances to avoid:**

No substances known that should be avoided.

**Hazardous reactions:**

The product is chemically stable.

**Decomposition products:**

No hazardous decomposition products known.

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**Corrosion to metals:**  
Corrosive effect on metals.

**Oxidizing properties:**  
Not an oxidizer.

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## 11. Toxicological information

### Acute toxicity

#### Oral:

*Information on: Acetic acid*  
*Type of value: LD50*  
*Species: rat (male)*  
*Value: 3,310 mg/kg*  
*Literature data.*  
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#### Irritation / corrosion:

##### Skin:

*Information on: Acetic acid*  
*Species: rabbit*  
*Result: strongly corrosive*  
*Method: BASF-Test*  
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##### Eye:

*Information on: Acetic acid*  
*Species: rabbit*  
*Result: Risk of serious damage to eyes.*  
*Method: Draize test*  
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#### Other Information:

The product has not been tested. The statement has been derived from the properties of the individual components.

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## 12. Ecological Information

### Fish

*Information on: Acetic acid*  
*Acute:*  
*DIN 38412 Part 15 Leuciscus idus/LC50 (48 h): 410 mg/l*  
*Nominal concentration. The product will cause changes in the pH value of the test system. The result refers to an neutralized sample. Literature data.*  
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### Aquatic invertebrates

*Information on: Acetic acid*  
*Acute:*  
*DIN 38412 Part 11 static*  
*Daphnia magna/LC50 (24 h): 95 mg/l*  
*Nominal concentration. The product will cause changes in the pH value of the test system. The result refers to an unneutralized sample. After neutralization a reduction in harmful effect can be observed. Literature data.*

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### Aquatic plants

*Information on: Acetic acid*

*Toxicity to aquatic plants:*

*DIN 38412 Part 9 static*

*green algae/EC10 (192 h): 4,000 mg/l*

*The product will cause changes in the pH value of the test system. The result refers to an neutralized sample.*

*Nominal concentration. Literature data.*

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### Microorganisms

*Information on: Acetic acid*

*Toxicity to microorganisms:*

*DIN EN ISO 8192-OECD 209-88/302/EEC,P. C aerobic*

*activated sludge, domestic/EC20 (0.5 h): 800 mg/l*

*The product will cause changes in the pH value of the test system. The result refers to an neutralized sample.*

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### Degradability / Persistence

#### Biological / Abiological Degradation

*Information on: Acetic acid*

*Test method:*

*Static test (aerobic),*

*Method of analysis:*

*DOC reduction*

*Degree of elimination:*

*> 70 %*

*Evaluation:*

#### Other adverse effects:

The product has not been tested. The statement has been derived from the properties of the individual components. Do not discharge substance/product into sewer system.

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## 13. Disposal considerations

### Waste disposal of substance:

Incinerate in a licensed facility. Do not discharge substance/product into sewer system. Dispose of in a licensed facility.

### Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

**RCRA:** D002

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## 14. Transport Information

### Land transport

USDOT

Hazard class:

8

Packing group:

II

ID number:

UN 2801

Hazard label:

8, EHSM

Proper shipping name:

DYE, LIQUID, CORROSIVE, N.O.S. (contains ACETIC ACID, C.I.BASIC VIOLET 3)

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### Sea transport

IMDG

Hazard class: 8  
Packing group: II  
ID number: UN 2801  
Hazard label: 8, EHSM  
Marine pollutant: YES  
Proper shipping name: DYE, LIQUID, CORROSIVE, N.O.S. (contains ACETIC ACID, C.I.BASIC VIOLET 3)

### Air transport

IATA/ICAO

Hazard class: 8  
Packing group: II  
ID number: UN 2801  
Hazard label: 8  
Proper shipping name: DYE, LIQUID, CORROSIVE, N.O.S. (contains ACETIC ACID, C.I.BASIC VIOLET 3)

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

OSHA hazard category: Chronic target organ effects reported; ACGIH TLV established

EPCRA 311/312 (Hazard categories): Acute; Chronic

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
5000 LBS	64-19-7	Acetic acid

Reportable Quantity for release: 5,000 lb

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ, PA, MA		489909-5011/5018-P-CP
MA, NJ, PA	64-19-7	Acetic acid
PA	25265-71-8	dipropylene glycol

## 16. Other Information

### HMIS III rating

Health: 2<sup>+</sup> Flammability: 1 Physical hazard: 0

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide an on-the-spot alert to the hazards of a material, and their severity, to emergency responders. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

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Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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**MSDS Prepared by:**

BASF NA Product Regulations

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MSDS Prepared on: 2010/10/07

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