

# Safety data sheet

## Basantol® Brown 269 liquid

Revision date : 2005/09/30  
Version: 1.0

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(30041559/MDS\_GEN\_US/EN)

### 1. Substance/preparation and company identification

Company  
BASF CORPORATION  
100 Campus Drive  
Florham Park, NJ 07932

24 Hour Emergency Response Information  
CHEMTREC: (800) 424-9300  
BASF HOTLINE: (800) 832-HELP

Chemical family: metal complex dye, in water/solvent  
Synonyms: Aqueous preparation of C.I. Acid Brown 355

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
7732-18-5	>= 40.0 - <= 50.0 %	Water
	>= 25.0 - <= 30.0 %	489909-5125-P-CL
112-34-5	>= 15.0 - <= 20.0 %	Butyl diglycol
141-53-7	>= 1.0 - <= 5.0 %	sodium formate
	>= 25.0 - <= 30.0 %	CHROMIUM COMPOUNDS
	>= 15.0 - <= 20.0 %	GLYCOL ETHERS

### 3. Hazard identification

#### Emergency overview

CAUTION: RISK OF SERIOUS DAMAGE TO EYES.  
Use with local exhaust ventilation.  
Wear NIOSH-certified chemical goggles.  
Wear protective clothing.  
Wear full face shield if splashing hazard exists.  
Wear a NIOSH-certified (or equivalent) acid gas/organic vapour respirator.

#### 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.

### 4. First-aid measures

**General advice:**  
Remove contaminated clothing.

**If inhaled:**  
If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

**If on skin:**  
Wash thoroughly with soap and water.

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**If in eyes:**

Seek medical attention. Wash affected eyes for at least 15 minutes under running water with eyelids held open.

**If swallowed:**

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

**Note to physician**

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-fighting measures

Flash point: > 100 °C (DIN 51758)  
Autoignition: > 200 °C (DIN 51794)

**Suitable extinguishing media:**

water spray, dry extinguishing media, foam

**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

**Personal precautions:**

Use personal protective clothing.

**Environmental precautions:**

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

**Cleanup:**

Spills should be contained, solidified, and placed in suitable containers for disposal.

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

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## 7. Handling and storage

**Handling****General advice:**

No special measures necessary provided product is used correctly.

**Storage****General advice:**

Store protected against freezing.

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**Temperature tolerance**

Protect from temperatures below: 5 °C

Protect from temperatures above: 60 °C

### 8. Exposure controls and personal protection

**Advice on system design:**

Provide local exhaust ventilation to maintain recommended P.E.L. Provide local exhaust ventilation to control vapours/mists.

**Personal protective equipment****Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Tightly fitting safety goggles (chemical goggles).

**General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation. Avoid all contact with the substance. Employees should shower at the end of the shift. Protective clothing should be laundered daily. Wash soiled clothing immediately.

### 9. Physical and chemical properties

Form:	liquid	
Odour:	product specific	
Colour:	brown	
pH value:	7 - 7.5	( 80 g/l, 20 °C)
solidification temperature:	< -5 °C	( 1,013 hPa)
Boiling point:	approx. 100 °C	
Vapour pressure:	21 mbar	( 20 °C)
	119 mbar	( 50 °C)
Density:	approx. 1.15 g/cm <sup>3</sup>	( 20 °C)
Miscibility with water:		miscible in all proportions
Solubility (qualitative):	soluble	
	solvent(s): polar solvents,	

### 10. Stability and reactivity

**Conditions to avoid:**

No conditions known that should be avoided.

**Substances to avoid:**

No substances known that should be avoided.

**Hazardous reactions:**

No hazardous reactions when stored and handled according to instructions.

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**Decomposition products:**

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

**Corrosion to metals:**

No corrosive effect on metal.

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## 11. Toxicological information

**Acute toxicity****Oral:**

LD50/rat: > 2,000 mg/kg

**Inhalation:**

rat: / 8 h(IRT)

No mortality within the stated exposition time as shown in animal studies.

**Skin irritation:**

rabbit: non-irritant (BASF-Test)

**Eye irritation :**

rabbit: Risk of serious damage to eyes. (BASF-Test)

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## 12. Ecological information

**Environmental fate and transport****Biodegradation:**

Test method:	Static test
Method of analysis:	colour reduction
Degree of elimination:	90 - 100 %

**Bioaccumulation:**

low sewage pollution as a result of high exhaustion rate

**Chemical oxygen demand (COD):**

705 mg/g

**Adsorbable organically-bound halogen (AOX):**

This product contains no organically-bound halogen.

**Environmental toxicity****Acute and prolonged toxicity to fish:**

golden orfe/LC50 (96 h): 10 - 100 mg/l

**Toxicity to microorganisms:**

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C test EC50: > 100 mg/l

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

**Other ecotoxicological advice:**

Do not release untreated into natural waters. The product has not been tested. The statement has been derived from the properties of the individual components.

### 13. Disposal considerations

**Waste disposal of substance:**

Must be dumped or incinerated in accordance with local regulations.

Incinerate or dispose of in a licensed facility.

Do not discharge into waterways or sewer systems without proper authorization.

It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

**Container disposal:**

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

RCRA: D007

### 14. Transport information

Reference Bill of Lading

### 15. Regulatory information

**Federal Regulations**

**Registration status:**

TSCA, US released / listed

**OSHA hazard category:** Chronic target organ effects reported, Acute target organ effects reported, ACGIH TLV established, Skin and/or eye irritant

**SARA hazard categories (EPCRA 311/312):** Acute, Chronic

**SARA 313:**

**CAS Number**

112-34-5

**Chemical name**

Butyl diglycol

**State regulations**

**State RTK**

**CAS Number**

112-34-5

**Chemical name**

489909-5125-P-CL

Butyl diglycol

**State RTK**

NJ, PA, MA

NJ, PA



The Chemical Company

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#### 16. Other information

##### HMIS III rating

Health: 1 $\square$  Flammability: 1 Physical hazard: 0

HMIS uses 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 high hazard.

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##### Local contact information

N-EVN\_regulatory@basf-corp.com  
(800) 346-8584

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