

# Safety Data Sheet

according to 29 CFR 1910.1200



**Telon Black RN**

**CBBN20**

000010006714

Version 1.1 / USA / EN Revision Date: 05/26/2015

replaces version: 1.0 on 07/08/2004

generated on: 07/08/2004

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## SECTION 1: Identification of the substance/preparation and company

### 1.1 Product identifier

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### 1.2 Relevant Identified uses of the substance or mixture and uses advised against

Use pattern :

Textile dye

### 1.3 Details of the supplier of the safety data sheet

Dystar L.P.

Pine Brook III

9844 Southern Pine Blvd

Charlotte, NC 28273, USA

Telephone no. (800) 439-7827

Telefax no. (704) 561-3098

### 1.4 Emergency telephone number

Emergency telephone number: (800) 424-9300

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## SECTION 2: Hazard(s) Identification

### 2.1 Classification of the Substance or Mixture

#### Classification of the chemical in accordance with paragraph (d) of §1910.1200

May cause an allergic skin reaction.

#### Classification of the Substance or Mixture

Respiratory or skin sensitisation: Skin Sensitisation, Cat. 1B

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### 2.2 Label elements

#### Pictograms:



exclamation mark

#### Signal word:

Warning

#### Hazard Statements:

H317 May cause an allergic skin reaction.

#### Precautionary Statements (Prevention):

P260 Do not breathe dust.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary Statements (Response):

''''''

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

#### Precautionary Statements (Storage):

#### Precautionary Statements (Disposal):

P501 Dispose of contents/container to waste treatment in accordance with national regulations.

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## 2.3 Other hazards

If applicable in this section are given hazards which are not part of the overall classification but can contribute to the hazards which may be associated with the substance or mixture.

not applicable

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

#### Chemical characterization

azo copper complex reactive dyestuff preparation

#### Hazardous Ingredients (GHS) according to 29 CFR 1910.1200

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information: Take off immediately all contaminated clothing.

After inhalation: Upon inhalation of aerosol/vapour/dust: Take the patient into the fresh air; if there is difficulty in breathing, medical advice is required.

After contact with skin: Remove all contaminated clothing immediately. Cleansing with plenty of water, soap or other non-irritating cleansing agents.

After contact with eyes: Contamination of the eyes must be treated by thorough irrigation with water, with the eyelids held open. A doctor (or eye specialist ) should be consulted immediately.

After ingestion: If the product is swallowed, the patient must at once drink water repeatedly, if possible with the addition of activated carbon. If the patient feels unwell, seek medical advice.

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### **4.2 Most important symptoms and effects, both acute and delayed**

Please see hazard statements in section 2.2 if given and information in this section if stated.

### **4.3 Indication of any immediate medical attention and special treatment needed**

Please see precautionary statements in section 2.2 as well as first aid information in this section if stated.

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## **SECTION 5: Fire-fighting measures**

### **5.1 Extinguishing media**

Suitable extinguishing media: Water spray, foam, dry powder.

Extinguishing media that must not be used for safety reasons: CO2

### **5.2 Special hazards arising from the substance or mixture**

not determined

### **5.3 Advice for firefighters**

Special protective equipment for firefighting: Firemen have to wear self-contained breathing apparatus.

Further information: Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid formation and deposition of dust.

### **6.2 Environmental precautions**

Environmental precautions: Do not empty into drains or waters.

### **6.3 Methods and material for containment and cleaning up**

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Methods for cleaning up/taking up: Take up spilled product with dust-binding material or suitable vacuum cleaner. Fill into labelled, sealable containers.

### 6.4 Reference to other sections

Additional information: For further disposal measures see chapter 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling: Avoid formation and deposition of dust.  
Keep container tightly closed and dry.

Advice on protection against fire and explosion: Observe the usual precautionary measures required for chemicals with dust-explosive properties. Observe national regulations.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Store in original container in a cool, dry place.  
In filling operations take precautionary measures against static discharges.

Storage stability: Storage period: 60 Months

### 7.3 Specific end use(s)

not determined

## SECTION 8: Exposure controls/personal protection

### 8.1 Exposure limits

Ingredients with occupational exposure limits to be monitored

Reactive Dyestuff Mixture Content: 50 - 60 %

### 8.2 Exposure controls

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General protective measures: Do not breathe dust. Avoid contact with eyes and skin. Take off immediately all contaminated clothing.

NOTICE: GRANULATE DYESTUFFS ARE FREE-FLOWING, SPECIALLY DEDUSTED REACTIVE DYESTUFF PREPARATIONS. BY CAREFUL HANDLING DUSTING CAN BE SUPPRESSED ALMOST COMPLETELY.

Inhalation of dust and aerosols must be absolutely prevented by either adequate ventilation or by a suitable mask. People with chronic respiratory problems should not work with reactive dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling reactive dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with reactive dyestuff powders must cease immediately.

Hygiene measures: Keep away from food and drink stuffs.

Do not eat, drink or smoke at work.

Wash hands before breaks and at end of work and use skin-protecting ointment.

Respiratory protection : Dust mask with particle filter.

Hand protection : Wear suitable gloves e.g. of PVC or nitrile rubber. In the event of contamination, change protective gloves immediately.

Eye protection : safety glasses with side protection shield

Body protection : Wear protective clothing.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form : granules

Colour : black

Odour : odourless

Melting temperature : > 200 °C

Flash point : Not applicable

Ignition temperature : > 250 °C

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flammability :	not determined
Lower explosion limit :	not determined
Upper explosion limit :	not determined
Vapour pressure :	not determined
Solubility in water :	60 g/l (20 °C)
pH value :	approx. 5.0 (10 g/l)
Octanol/water partition coefficient (log Pow) :	not determined
Viscosity (kinematic) :	not determined
Viscosity (flow time) :	not determined

**9.2 Other information**

Combustion number :	BZ1 Does not catch fire
Bulk density :	approx. 530 kg/m <sup>3</sup>
Further information (phys.-chem.)	not necessary

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2 Chemical stability**

Thermal decomposition No thermal decomposition when stored and handled correctly.

**10.3 Possibility of hazardous reactions**

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Hazardous reactions: In the case of dusty organic products the possibility of a dust explosion should always be considered.

Hazardous decomposition products: Not applicable

### 10.4 Conditions to avoid

For avoidable conditions: not necessary

### 10.5 Incompatible materials

For avoidable materials: not necessary

### 10.6 Hazardous decomposition products

Not applicable

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity : LD50 > 2,000 mg/kg (rat)

Acute dermal toxicity : not determined

Irritant effect on skin : non-irritant (rabbit)

Irritant effect on eyes : non-irritant (rabbit eye)

Sensitization :

In the guinea-pig the product has a sensitising effect (OECD 406; GPMT according to MAGNUSSON-KLIGMAN).

Sensitization :

High dust concentration may result in irritation of the mucous membranes (eyes or respiratory tract). Repeated exposure to high dust concentration of some reactive dyestuffs may very occasionally cause respiratory hypersensitivity. A sensitisation by this dyestuff has not yet been observed.



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Repeated dose toxicity                      not determined

Mutagenicity:                                  Salmonella/microsome test (Ames test): No indication of mutagenic effects.

Teratogenicity :                                not necessary

Carcinogenicity :                              not necessary

### 11.2 Information on toxicological effects

Primary route of exposure

Inhalation: No

Skin Absorption: No

Ingestion: No

Skin Contact: Yes

Eye Contact: Yes

Effects of overexposure

Based on testing done on one or more of the components, this product is a skin sensitizer.

Signs and symptoms of overexposure

Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives.

Medical conditions aggravated

Persons with any pre-existing skin conditions may be more susceptible to the effects of this product.

### 11.3 Carcinogen status

IARC: No

NTP: No

OSHA: No

ACGIH: No

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## SECTION 12: Ecological information

### 12.1 Toxicity

Fish toxicity :                                  LC50 > 100 mg/l (48 h, Leuciscus idus)

Bacteria toxicity :                              EC0 1,000 mg/l (activated sludge micro-organism)

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### 12.2 Persistence and degradability

Biodegradability : 25 - 50 %  
Method : Batch method

Behaviour in environmental compartments: not determined

Dissolved Organic carbon (DOC) : not determined

Remarks: Product does not add to the AOX-value of the sewage. (DIN EN 1485)

This product contains approx. 2,5 % complex bonded copper.

The product does not release nitrogen which can contribute to eutrophication.

The product does not contain phosphates or organophosphorus compounds.

### 12.3 Bioaccumulative potential

not determined

### 12.4 Mobility in soil

not determined

### 12.5 Results of PBT and vPvB assessment

not determined

### 12.6 Other adverse effects

not determined

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product: If utilisation or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e. g. by incineration in a suitable plant.

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European Waste Catalogue (EWC) code: 040216 Dyestuffs and pigments containing dangerous substances

Uncleaned packaging: Soiled, empty containers are to be treated in the same way as the contents.

## SECTION 14: Transport information

### 14.1 Transport classification

#### D.O.T. Information

CFR	Non dangerous goods
IMDG	Non dangerous goods
IATA_C	Non dangerous goods
IATA_P	Non dangerous goods

### 14.2 Special precautions for user

Protect against wetness.  
Keep separated from foodstuffs.

### 14.3 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No transport in bulk according to Annex II of MARPOL 73/78 and the IBC code foreseen for this substance or mixture.:

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### US Regulations

##### TSCA

The components of this product are listed on the TSCA inventory.

##### Sara 313

This product contains the following component that is subject to the reporting requirements under 40 CFR 372.

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### contains:

Copper compound

Content:  $\geq 50$  -  $\leq 60$  %

Copper

Content: 2.5 %

### Sara 312

Immediate (acute) health hazard	Yes
Delayed (chronic) health hazard	No
Fire hazard	No
Sudden Release of Pressure	No
Reactivity	No

HMIS code: 2 - 1 - 0 -

### 15.2 Chemical safety assessment

not determined

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## SECTION 16: Other information

Text of all shortcuts referred to in sections 2 and 3:

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This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

Print date