

# Safety Data Sheet

according to 29 CFR 1910.1200

## FD&C Red No. 40 Granular

000010087067, 1G6056

Version 1.3 / USA / EN Revision Date: 05/18/2020

replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 1/10

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### SECTION 1: Identification

#### 1.1 Product identifier

**FD&C Red No. 40 Granular**

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

Use pattern :  
special dye

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

Dystar L.P.  
9844 Southern Pine Blvd  
Charlotte, NC 28273, USA  
Phone: (800) 439-7827  
Fax: (704) 561-3098

#### 1.4 Emergency telephone number

Chemtrec: (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**

No labelling is required in accordance with GHS directives.

# Safety Data Sheet

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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 2/10

### 2.2 Label elements

not applicable

### 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 expected to cause significant irritation. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

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## SECTION 3: Composition/information on ingredients

### Chemical characterization

azo dyestuff

not applicable

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## 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: 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. Eventually a doctor (or eye specialist) should be consulted.

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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Version 1.3 / USA / EN Revision Date: 05/18/2020

replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 3/10

### 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: CO<sub>2</sub>

### 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

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

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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 4/10

### 6.4 Reference to other sections

Additional information: For further disposal measures see chapter 13.

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## 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

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## SECTION 8: Exposure controls/personal protection

### 8.1 Exposure limits

Ingredients with occupational exposure limits to be monitored :

not applicable

### 8.2 Exposure controls

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

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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 5/10

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.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Form:	granules
Color:	red
Odor:	odourless
Melting point:	not determined
Boiling point	not determined
Flash point:	not applicable
Ignition temperature:	325 °C
Flammability:	not determined
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Vapor pressure:	not determined
Density:	not determined
Solubility in water:	soluble

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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 6/10

pH value:	not determined
Octanol/water partition coefficient (log Pow):	not determined
Viscosity (dynamic):	not determined
Viscosity (kinematic):	not determined
Viscosity (flow time):	not determined

### 9.2 Other information

Combustion number:	not determined
Dust explosion class:	not determined
Bulk density:	not determined
Further information (phys.-chem.):	not necessary

## 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

Hazardous reactions: The product is not a dust explosion risk as supplied; however the build-up of fine dust under unfavourable conditions can lead to a risk of dust explosions.

Hazardous decomposition products: not applicable

### 10.4 Conditions to avoid

For avoidable conditions: not necessary

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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 7/10

### 10.5 Incompatible materials

For avoidable materials: not necessary

### 10.6 Hazardous decomposition products

not applicable

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute oral toxicity:	> 5,000 mg/kg
Acute inhalation toxicity:	not determined
Acute dermal toxicity:	> 2,000 mg/kg
Irritant effect on skin:	non-irritant
Irritant effect on eyes:	slight irritant effect - does not require labelling (rabbit eye)
Sensitization:	not determined
Repeated dose toxicity:	not determined
Mutagenicity:	not determined
Teratogenicity:	not necessary
Carcinogenicity:	not necessary

### 11.2 Information on toxicological effects

Primary route of exposure

Inhalation: Yes  
Skin Contact: Yes

Skin Absorption: No  
Eye Contact: Yes

Ingestion: Yes

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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 8/10

### 11.3 Carcinogen status

IARC: No

NTP: No

OSHA: No

ACGIH: No

CalProp65: No

## SECTION 12: Ecological information

### 12.1 Toxicity

Fish toxicity: not determined

Daphnia toxicity: not determined

Algae toxicity: not determined

Bacteria toxicity: not determined

### 12.2 Persistence and degradability

Physico-chemical eliminability: not determined

Biodegradability:

If regulations are followed when introducing effluent into biological waste water treatment plants, no adverse effect on the degradation activity of activated sludge is to be expected.

Behavior in environmental compartments: not determined

Dissolved Organic carbon (DOC): not determined

Chemical oxygen demand (COD) : not determined

Biochemical oxygen demand (BOD5): not determined

Remarks: Ecological data is not available.

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

The product does not contain heavy metals in concentrations of concern for waste water.

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

The product does not contain phosphates or organophosphorus compounds.



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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 9/10

### 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 utilization 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.

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

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## 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

Keep separated from foodstuffs.

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replaces version: 1.2 on 12/03/2018

generated on: 07/09/2018

Page 10/10

### 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.:

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## 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 is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

##### SARA 312

not regulated

**HMIS code:** 1 - 1 - 0 - B

### 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.