

Safety Data Sheet

according to 29 CFR 1910.1200

FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 1/10

SECTION 1: Identification of the substance/preparation and company

1.1 Product identifier

FD&C Red 40 Lake 14-18%

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.
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

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.

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.

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 2/10

Not expected to cause significant irritation. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

SECTION 3: Composition/information on ingredients

Chemical characterization

FD&C Red 40 Aluminium Lake

not applicable

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.

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.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 3/10

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.

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.

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.

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 4/10

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: not determined

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

8.2 Exposure controls

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

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

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 5/10

9.1 Information on basic physical and chemical properties

Form:	powder
Colour:	red
Odour:	odourless
Melting point:	not determined
Boiling point:	not determined
Flash point:	not applicable
Ignition temperature:	not determined
Flammability:	not determined
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Vapour pressure:	not determined
Density:	not determined
Solubility in water:	insoluble
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

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 6/10

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: 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: oxidizing agent

10.6 Hazardous decomposition products

not applicable

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 7/10

Acute oral toxicity:	LD50 > 2,000 mg/kg (rat)
Acute inhalation toxicity:	not determined
Acute dermal toxicity:	LD50 > 2,000 mg/kg (rabbit)
Irritant effect on skin:	non-irritant
Irritant effect on eyes:	non-irritant
Sensitization:	non-sensitizing
Repeated dose toxicity:	not determined
Mutagenicity:	not determined
Teratogenicity:	not necessary
Carcinogenicity:	not necessary

Remarks : Data are based on products of similar structure and/or similar composition.

11.2 Information on toxicological effects

Primary route of exposure

Inhalation: Yes	Skin Absorption: No	Ingestion: Yes
Skin Contact: Yes	Eye Contact: Yes	

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

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 8/10

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.

Behaviour 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.

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.

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

12.5 Results of PBT and vPvB assessment

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 9/10

not determined

12.6 Other adverse effects

not determined

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.

European Waste Catalogue (EWC) code: 040217 Dyestuffs and pigments other than those mentioned in 040216

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

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

Safety Data Sheet

according to 29 CFR 1910.1200



FD&C Red 40 Lake 14-18%

000010087068

Version 1.0 / USA / EN Revision Date: 11/05/2018

generated on: 11/05/2018

Page 10/10

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

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

HMIS code: 1 - 0 - 0 - B

15.2 Chemical safety assessment

not determined

SECTION 16: Other information

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

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