1. Identification

Product identifier

Product Name           FDANDC RED NO. 40

Other means of identification

Product Code(s)       FD140

Synonyms               None

Recommended use of the chemical and restrictions on use

Recommended use               No information available

Restrictions on use          No information available

Details of the supplier of the safety data sheet

Supplier Address
Spectrum Chemical Mfg. Corp.
14422 South San Pedro St.
Gardena, CA  90248
(310) 516-8000

Emergency telephone number

Emergency Telephone              Chemtrec 1-800-424-9300

2. Hazard(s) identification

Classification

Combustible dust              Yes

Hazards not otherwise classified (HNOC)
Not applicable

Label elements

Warning

Hazard statements
May form combustible dust concentrations in air

Appearance      Powder         Physical state     Solid         Odor       No information available

Precautionary Statements - Prevention
Other information  
No information available.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Substance</th>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade secret</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FD&amp;C Red #40</td>
<td>25956-17-6</td>
<td>100</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

Inhalation  
Remove to fresh air.

Eye contact  
Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact  
Wash skin with soap and water.

Ingestion  
Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms  
No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians  
Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. 
CAUTION: Use of water spray when fighting fire may be inefficient.

Large Fire  

Unsuitable extinguishing media  
Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical  
Avoid generation of dust. Fine dust dispersed in air may ignite.

Hazardous combustion products  

Explosion data  

Sensitivity to mechanical impact  
none.

Sensitivity to static discharge  
yes.

Special protective equipment for  
Firefighters should wear self-contained breathing apparatus and full firefighting turnout
6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation. Avoid generation of dust. Avoid contact with eyes. Use personal protective equipment as required. Do not breathe dust. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges.

Other information

Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so. Prevent dust cloud.

Methods for cleaning up

Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal. Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

8. Exposure controls/personal protection

Control parameters

Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).
### Skin and body protection
No special protective equipment required.

### Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

### General hygiene considerations
Do not breathe dust.

---

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks  • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
<td>None known</td>
</tr>
<tr>
<td>Appearance</td>
<td>Powder</td>
<td>None known</td>
</tr>
<tr>
<td>Color</td>
<td>dark red</td>
<td>None known</td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td>None known</td>
</tr>
</tbody>
</table>

### Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks  • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Softening point</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Liquid Density</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
<td>None known</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks  • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>Stable under normal conditions.</td>
<td></td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>None under normal processing.</td>
<td></td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Excessive heat. Heating in air. dust formation.</td>
<td></td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>None known based on information supplied.</td>
<td></td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>None known based on information supplied.</td>
<td></td>
</tr>
</tbody>
</table>
11. Toxicological information

Information on likely routes of exposure

Product Information

- **Inhalation**: Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
- **Eye contact**: Specific test data for the substance or mixture is not available.
- **Skin contact**: Specific test data for the substance or mixture is not available.
- **Ingestion**: Specific test data for the substance or mixture is not available.

**Symptoms related to the physical, chemical and toxicological characteristics**

- **Symptoms**: No information available.
- **Acute toxicity**: No information available.
- **Numerical measures of toxicity**

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>FD&amp;C Red #40</td>
<td>10 g/kg (Rat)</td>
<td>10 g/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>25956-17-6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Delayed and immediate effects as well as chronic effects from short and long-term exposure

- **Skin corrosion/irritation**: No information available.
- **Serious eye damage/eye irritation**: No information available.
- **Respiratory or skin sensitization**: No information available.
- **Germ cell mutagenicity**: No information available.
- **Reproductive toxicity**: No information available.
- **STOT - single exposure**: No information available.
- **STOT - repeated exposure**: No information available.
- **Aspiration hazard**: No information available.
- **Other adverse effects**: No information available.
- **Interactive effects**: No information available.

12. Ecological information

- **Ecotoxicity**: The environmental impact of this product has not been fully investigated.
- **Persistence and degradability**: No information available.
- **Bioaccumulation**: Inherently biodegradable.
- **Other adverse effects**: No information available.

13. Disposal considerations

- **Waste treatment methods**
Waste from residues/unused products
Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging
Do not reuse empty containers.

14. Transport information

<table>
<thead>
<tr>
<th>DOT</th>
<th>not regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>TDG</td>
<td>not regulated</td>
</tr>
<tr>
<td>MEX</td>
<td>not regulated</td>
</tr>
<tr>
<td>ICAO (air)</td>
<td>not regulated</td>
</tr>
<tr>
<td>IATA</td>
<td>not regulated</td>
</tr>
<tr>
<td>IMDG</td>
<td>not regulated</td>
</tr>
<tr>
<td>RID</td>
<td>not regulated</td>
</tr>
<tr>
<td>ADR</td>
<td>not regulated</td>
</tr>
<tr>
<td>ADN</td>
<td>not regulated</td>
</tr>
</tbody>
</table>

15. Regulatory information

International Inventories

<table>
<thead>
<tr>
<th>TSCA</th>
<th>Complies</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>Complies</td>
</tr>
<tr>
<td>ENCS</td>
<td>This product complies with ENCS:</td>
</tr>
<tr>
<td>IECSC</td>
<td>This product complies with China:</td>
</tr>
<tr>
<td>KECL</td>
<td>Complies</td>
</tr>
<tr>
<td>PICCS</td>
<td>Complies</td>
</tr>
<tr>
<td>AICS</td>
<td>All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).</td>
</tr>
</tbody>
</table>

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.
CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations
This product does not contain any substances regulated under applicable state right-to-know regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA
Health hazards 0
Flammability 1
Instability 0
Physical and chemical properties -
HMIS
Health hazards 0
Flammability 0
Physical hazards 0
Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet
Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
Ceiling Maximum limit value

Key literature references and sources for data used to compile the SDS
Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date: 02-September-2022
Revision Note: No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet