

Product: 4.FC.0400P0 F D & C RED 40 POWDER

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifiers:

Product Form: Substance  
Product Name: **F D & C RED 40 POWDER**  
Product Number: **4.FC.0400P0**  
Color Index Name: FOOD RED 017  
C.I. No: 16035  
CAS number: 25956-17-6  
Formula: MONOAZO  
Synonyms:

### Intended Use of the Product

Use Statement:  
Foods, Drugs & Cosmetics - in amounts consistent with Good Manufacturing Practices. In Drugs & Cosmetics - including those intended for use in the area of the eye. In Cosmetics, the color additive shall not be exposed to oxidizing or reducing agents or any other conditions which may affect the integrity of the color.

### Name, Address, and Telephone of the Responsible Party

Spectra Colors Corporation	Telephone	800-527-8588 (USA), 201-997-0606 (Int'l)
25 Rizzolo Road	Fax number	201-997-0504
Kearny, NJ 07032 USA	Email	dyes@spectracolors.com

### EMERGENCY TELEPHONE NUMBER

Emergency phone number: **Chemtrec 800-424-9300 (USA)**  
**+1 703-527-3887 (Outside USA)**

## SECTION 2: Hazards Identification

### Classification of the substance or mixture

#### GHS-US Classification

Acute tox. – inhalation 5 H333  
Eye dam./irritation 2B H320

### Label Elements

#### GHS Labelling:

Hazard Pictograms (GHS-US): No Symbol

Signal Word (GHS-US): Warning

#### Hazard Statements (GHS-US)

H333 - May be harmful if inhaled  
H320 - Causes eye irritation

#### Precautionary Statements (GHS-US)

P305 + 351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P337 + P313 - If eye irritation persists: Get medical advice attention

# SAFETY DATA SHEET (SDS)

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P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray

P264 – Wash face thoroughly after handling

P304 + P312 – IF INHALED: Call a POISON CENTER/doctor/physician if you feel unwell

**Other Hazards:** No data available

**Unknown acute toxicity (GHS US):** No data available

## SECTION 3: Composition/Information on Ingredients

### Substances

Name	Product Identifier CAS No.	Weight%	GHS-US Classification
FOOD RED 017	25956-17-6	100	Acute tox. – inhalation 5 H333 Eye dam./irritation 2B H320

## SECTION 4: First Aid Measures

### Description of first aid measures

First Aid Measures General: Remove contaminated clothing

**First-aid measures after inhalation:** Remove to fresh air. If breathing is difficult, give oxygen and get immediate medical attention.

**First-aid measures after skin contact:** Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.

**First-aid measures after eye contact:** Flush with plenty of cool water for at least 15 minutes, holding eyelids apart for thorough irrigation. Get immediate medical attention.

**First-aid measures after ingestion:** Do Not Induce vomiting – seek immediate medical attention.

### Most important symptoms and effects, both acute and delayed:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY HAZARDOUS COMMUNICATION STANDARD. HOWEVER, AS WITH ALL CHEMICALS; HANDLE WITH CARE AVOID EYE & SKIN CONTACT, AVOID INHALATION OF DUSTS OR VAPORS. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINERS CLOSED.

### Indication of any immediate medical attention and special treatment needed:

No additional information

## SECTION 5: Firefighting Measures

### Extinguishing media

**Suitable Extinguishing Media:** WATER, DRY CHEMICAL, CARBON DIOXIDE, FOAM

Unsuitable Extinguishing Media:

**Special hazards arising from the substance or mixture:** NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. AVOID DUSTING. DUST CAN FORM EXPLOSIVE MIXTURES WITH AIR.

**Fire Hazard:** N/A

**Explosion Hazard:** N/A

**Reactivity:** N/A

### Advice for firefighters

**Firefighting Instructions:** WEAR SELF-CONTAINED BREATHING APPARATUS.

**Protection during firefighting:** Wear fully protective suit.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**General Measures:** Remove persons from danger area.

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## For non-emergency personnel

### Protective equipment:

Emergency procedures: No additional information

## For emergency responders

Protective equipment: See Section 8 for information on personal protection equipment.

Emergency procedures: No additional information

**Environmental precautions:** Avoid any uncontrolled release of material. Do not empty into drains or the aquatic environment.

## Methods and materials for containment and cleaning up

**For containment:** Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers.

**For cleaning up:** Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

## Reference to other sections

No additional information available.

## SECTION 7: Handling and storage

### Precautions for safe handling

**Additional hazards when processed:** N/A

**Precautions for safe handling:** Use Statement:

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**Hygiene measures:** N/A

### Conditions for safe storage, including any incompatibilities

**Technical measures:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

**Storage conditions:** Above is offered as a guide. Consult title 21, Code of Federal Regulations (CFR) as the authoritative source should questions arise. (parts 1-99) Color additive Regulations are updated each year as of April 1.

**Incompatible products:** Keep away from heat. Keep away from sources of ignition.

**Incompatible materials:**

**Storage area:** Keep away from strong oxidizing and reducing agents

**Special rules on packaging:** None

**Specific end use(s):** Use Statement:

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## SECTION 8: Exposure controls / personal protection

### Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

### Exposure controls

Appropriate engineering controls:

The usual precautionary measures are to be adhered to when handling chemicals.

### Personal protective equipment:

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Hand protection: Wear protective gloves  
Eye protection: Tightly sealed safety goggles or full face shield  
Skin and body protection: Wear suitable protective clothing  
Respiratory protection: Dust Mask  
Thermal hazard protection:  
Other information: No additional information

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	
Physical state, appearance, color, odor	DARK RED POWDER,NO ODOR
Odor Threshold:	No data
pH:	stable at 2 - 11
Melting Point/Freezing Point:	ND
Initial boiling point/boiling range:	0.00
Flashpoint:	NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.
Evaporation rate:	No data
Flammability (solid, gas):	NORMALLY STABLE, NOT COMBUSTIBLE NOR FLAMMABLE.
Upper explosive limits:	N/A
Lower explosive limits:	N/A
Vapor pressure:	N/A
Vapor density:	N/A
Relative density:	n/a
Solubility in water:	Yes.
Partition coefficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity, dynamic	No data
Viscosity, cinematic	No data
Explosive properties	N/A
Oxidizing properties	N/A

### Other information

No additional information available

## SECTION 10: Stability and reactivity

**Reactivity:** No data

**Chemical stability:** Stable

**Possibility of hazardous reactions**

No additional information available

**Conditions to avoid:** OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

**Incompatible materials:** OXIDIZING & REDUCING AGENTS MAY DESTROY COLOR.

**Hazardous decomposition products:** CO, CO<sub>2</sub>, OXIDES OF NITROGEN AND OTHER POTENTIALLY TOXIC FUMES.

## SECTION 11: Toxicological information

### Information on toxicological effects

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Oral (Animal): LD50 > 10000 mg/Kg as per JECFA  
Dermal (animal): NO DATA AVAILABLE.  
Effects to eyes (Animal): NO DATA AVAILABLE.  
Skin irritation (Animal): NO DATA AVAILABLE.

**Skin corrosion/irritation:** Not classified  
**Serious eye damage/irritation:** Causes serious eye irritation.  
**Respiratory or skin sensitisation:** Not classified  
**Germ cell mutagenicity:** Not classified  
**Carcinogenicity:** Not classified  
**Reproductive toxicity:** Not classified  
**Specific target organ toxicity (single exposure):** May cause drowsiness or dizziness.  
**Aspiration hazard:** Not classified  
**Symptoms/injuries after inhalation:** May cause drowsiness or dizziness.  
**Symptoms/injuries after eye contact:** Causes serious eye irritation.  
**Symptoms/injuries after ingestion:** Ingestion may cause nausea, vomiting and diarrhea.

## SECTION 12: Ecological information

**Toxicity:**  
NO DATA AVAILABLE.

**Persistence and degradability:** No Data Available

**Bioaccumulative potential:** No Data Available  
**Mobility in soil:** No Data Available

**Other adverse effects:** No additional information available

## SECTION 13: Disposal considerations

### Waste treatment methods

**Regional legislation (waste):** Dispose of only in an approved land-fill area or by controlled incineration in accordance with local and State regulations.

**Waste disposal recommendations:** Empty bags thoroughly. Carry out the proper recycling, re-usage or disposal. Please refer to the relevant EU regulations, in particular the guidelines/ decisions of the council regarding handling of wastes (e.g. 75/442/EEC, 91/689/EEC, 94/67/EC, 94/904/EC) as implemented in national regulations.

## SECTION 14: Transport information

**UN number:** None

**UN proper shipping name:** None  
**Department of Transportation (DOT)**  
**Transport hazard class(es):** N/A

**Hazard labels (DOT)**  
**Packing group (DOT):** N/A  
**DOT Special provisions:** N/A

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## Additional information

Overland transport: NONE

Transport by sea: NONE

Air transport: NONE

DOT Quantity Limitations Passenger Aircraft: No additional information

DOT Quantity Limitations Cargo Aircraft: No additional information

## SECTION 15: Regulatory information

### US Federal regulations

This substance is listed on United States TSCA (Toxic Substance Control Act) inventory.

### US State regulations

None

### Other regulations

Chemical Identity	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
25956-17-6	X	-	-	X	-	-	-	-	-	X

TSCA Status: IN COMPLIANCE

E C Classification: (67/548/EEC – 88/379/EEC) E129

EINECS Number: 247-368-0

REACH Classification:

R-phrases:

Additional Regulatory Information: 21CFR Part 74.340, 74.1340 & 74.2340  
Compliant with European Directive 76/768/EEC for cosmetics.  
Permitted for Cosmetic and Toiletry applications in China and Korea

Not listed on California Prop 65

## SECTION 16: Other information

Indication of changes: N/A

Other information: N/A

### GHS Full Text Phrases:

H333	May be harmful if inhaled
H320	Causes eye irritation

NFPA Rating: N/A

HMIS Rating: Health: 0 Flammability: 0 Reactivity: 0 Personal Protection: A

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