



Product: 4.FD.02800K D & C RED 28 K

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

**Product identifiers:**

Product Form: Substance  
Product Name: **D & C RED 28 K**  
Product Number: **4.FD.02800K**  
Color Index Name: ACID RED 092  
C.I. No: 45410  
CAS number: 18472-87-2  
Formula/Chemical Family: XANTHENE DYE  
Synonyms:

**Intended Use of the Product:**

Drugs and Cosmetics - consistent with Good Manufacturing Practices.

**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 toxicity – inhalation (Cat. 5)  
Eye damage/irritation (Cat. 2B)  
Acute toxicity – oral (Cat. 5)

**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  
H303 – May be harmful if swallowed

**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  
P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray  
P264 – Wash face thoroughly after handling  
P312 – Call a POISON CENTER / doctor/physician if you feel unwell

# SAFETY DATA SHEET (SDS)

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**Other Hazards:** No data available

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

## SECTION 3: Composition/Information on Ingredients

### Description of substance:

Name	Product Identifier CAS No.	Weight%	GHS-US Classification
C.I. ACID RED 92	18472-87-2	100	Acute toxicity/inhalation (Cat. 5) Eye damage/irritation (Cat. 2B) Skin corrosion/irritation (Cat. 3)

**Hazardous components:** No hazardous components found under applicable regulations.

**Additional information:** None

## 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.

**For non-emergency personnel**

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**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:

Drugs and Cosmetics - consistent with Good Manufacturing Practices.

**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):** Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

## 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:**



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

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Thermal hazard protection: N/A

Other information: No additional information

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	
Physical state, appearance, color, odor	RED POWDER / NO ODOR
Odor Threshold:	No data
pH:	6 - 8
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

Oral (Animal): NO DATA AVAILABLE.

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 eye irritation.

**Respiratory or skin sensitization:** Not classified

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**Germ cell mutagenicity:** Not classified  
**Carcinogenicity:** Not classified  
**Reproductive toxicity:** Not classified  
**Specific target organ toxicity (single exposure):** Not classified  
**Aspiration hazard:** Not classified  
**Symptoms/injuries after inhalation:** May cause drowsiness or dizziness.  
**Symptoms/injuries after eye contact:** Causes 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:** Not regulated

**Transport hazard class(es):**

- **Department of Transportation (DOT):** Not hazardous for transportation
- **IMDG:** Not hazardous
- **IATA:** Not hazardous

**Hazard labels (DOT)**

**Packing group (DOT):** N/A

**DOT Special provisions:** N/A

**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

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## 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
18472-87-2	X	-	-	X	-	-	-	-	-	-

TSCA Status: IN COMPLIANCE

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

EINECS Number: 242-355-6 / Red No. 20

REACH Classification: 05-2114650536-46-0000

R-phrases:

Additional Regulatory Information:

- \* U.S. FDA 21 CFR part 74 - FDA Certified
- \* EU Cosmetics Directive 76/768/EEC and new EU Cosmetic Products Regulation (EC) No 1223/2009
- \* Japan MHLW Ordinance No. 126 of July 29, 2003 - Coal-Tar Colors - CHECK WITH LOCAL REGULATIONS FOR INSTRUCTIONS ON SPECIFIC FOOD APPLICATIONS
- \* Chinese Hygiene Standards for Cosmetics (2007)
- \* ASEAN Cosmetic Directive, Annex IV, part 1 - allowed to use in Cosmetic as per field of Application 1.

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
H303	May be harmful if swallowed

NFPA Rating: N/A

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

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