

Safety Data Sheet

FD&C RED #40

16850



REVISION DATE: July 30, 2020

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME:FD&C Red #40
PRODUCT NUMBER:16850
SYNONYMS:Food Red 17
CHEMICAL FAMILY:Monoazo
CHEMICAL FORMULA:FD&C Red #40 (CAS# 25956-17-6)
CAS NUMBER:25956-17-6

COMPANY:PYLAM PRODUCTS COMPANY, INC.
2175 E. CEDAR ST.
TEMPE, AZ 85281
480-929-0070

RECOMMENDED USE:Coloring agent.

FOR ADDITIONAL INFORMATION ABOUT THE SDS: SafetyCoordinator@Pylamdyes.com

EMERGENCY PHONE: (800) 424-9300 (CHEMTREC USA)

SECTION 2 – HAZARDS IDENTIFICATION

The following information is presented in accordance with 29 CFR 1910.1200 (Hazcom 2012) which became effective on May 25, 2012:

CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910.1200(d):

Combustible dust.

LABEL CONTENT IN ACCORDANCE WITH 29 CFR 1910.1200(f):

HAZARD PICTOGRAMS: Not Applicable

SIGNAL WORD:Warning.

HAZARD STATEMENT:May form combustible dust concentrations in air.

PRECAUTIONARY STATEMENTS:Not Applicable.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	TLV-TWA
None as per 29CFR Part 1910.1200.	N/A	N/A	General threshold value for dust: 1.5 mg/m ³ (respirable fraction) and 4 mg/m ³ (inhalable fraction). Use the following as guidelines for nuisance dust: OSHA TWA: 5 mg/m ³ respirable fraction and 15 mg/m ³ total dust; ACGIH TWA 3 mg/m ³ respirable fraction and 10 mg/m ³ inhalable particulates.

PRODUCT COMPOSITION INFORMATIONNo hazardous components are found under the applicable regulations.

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SECTION 4 – FIRST-AID MEASURES

BREATHING (INHALATION):If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.

SWALLOWING (INGESTION):If swallowed, rinse mouth with plenty of water. Seek medical attention. Never give fluids to an unconscious person.

EYES:Immediately flush eyes with plenty of water for at least fifteen minutes. Get medical attention.

SKIN (DERMAL):Wash thoroughly with soap and water.

SIGNS AND SYMPTOMS OF EXPOSURE:Skin may get discolored upon contact with the dye.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASHPOINT:.....N/A.

LOWER FLAME LIMIT:N/A.

HIGHER FLAME LIMIT:.....N/A.

AUTO IGNITION TEMPERATURE: No data available.

EXTINGUISHING MEDIA: In case of fire use water spray, foam, dry chemical or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES:Firefighters should be equipped with self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:.....Dusts, when mixed with the right proportions of air and in a source of ignition, have the potential to be explosive.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

HANDLING PRECAUTIONS:In accordance with good industrial practices, handle with care to avoid contact.

SPILL PROCEDURES:Spills should be swept up and placed in containers. Spill areas can be washed with water; collect waste water for approved disposal method.

WASTE DISPOSAL:Waste disposal should be in accordance with existing federal, state and local environmental regulations.

RCRA HAZARDOUS CLASS:N/A.

RCRA HAZARDOUS WASTE NUMBER:.....Not regulated.

SECTION 7 – HANDLING and STORAGE

STORAGE:.....Keep container tightly closed. Store in a cool, dry place.

HANDLING:In accordance with good industrial practices, handle with care to avoid contact.

VENTILATION:.....Use local ventilation if dusting is a problem. General threshold value for dust: 1.5 mg/m³ (respirable fraction) and 4 mg/m³ (inhalable fraction). Use the following as guidelines for nuisance dust: OSHA TWA: 5 mg/m³ respirable fraction and 15 mg/m³ total dust; ACGIH TWA 3 mg/m³ respirable fraction and 10 mg/m³ inhalable particulates.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS (OEL):

None as per 29CFR Part 1910.1200.

General threshold value for dust: 1.5 mg/m³ (respirable fraction) and 4 mg/m³ (inhalable fraction). Use the following as guidelines for nuisance dust: OSHA TWA: 5 mg/m³ respirable fraction and 15 mg/m³ total dust; ACGIH TWA 3 mg/m³ respirable fraction and 10 mg/m³ inhalable particulates.

RESPIRATORY PROTECTION:Avoid the inhalation of dusts. When the potential for dusting exists use a NIOSH/MSHA approved respirator with dust filter.

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PROTECTIVE CLOTHING:Wear gloves, coveralls, apron, and boots as necessary to prevent skin contact. Wear safety glasses with side-shields (frame goggles).
SAFETY STATION:Eye wash station should be easily accessible.
CONTAMINATED EQUIPMENT:N/A.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR:Dark red powder; odorless.
ODOR THRESHOLD:Not Available
PHYSICAL STATE:Powder.
SOLUBILITY IN WATER:Soluble.
OTHER SOLUBILITY:N/A.
BOILING POINT:N/A.
FREEZING POINT:N/A.
MELTING POINT:Not Available
DECOMPOSITION TEMPERATURE:Not Available
FLASH POINT:N/A.
AUTO IGNITION TEMPERATURE: No data available.
FLAMMABILITY (SOLID/GAS):Not flammable (may form combustible dust-air mixtures)
UPPER FLAMMABILITY LIMIT:N/A.
LOWER FLAMMABILITY LIMIT:N/A.
VAPOR PRESSURE:Not Available.
VAPOR DENSITY (AIR=1):N/A.
PARTITION COEFFICIENT (n-octanol/water):Not Available
SPECIFIC GRAVITY:Not Available
pH:Not determined.
VOLATILITY INCLUDING WATER: ~ 3% (% by weight)
EVAPORATION RATE:N/A.
VISCOSITY:Not Available.
BULK DENSITY:N/A.

SECTION 10 – STABILITY and REACTIVITY

REACTIVITY:None Known
STABILITY:Stable.
HAZARDOUS DECOMP.:Carbon monoxide, carbon dioxide, oxides of nitrogen, sulfur, and other potentially toxic fumes.
INCOMPATIBILITY:Oxidizing and reducing agents may destroy color.
POLYMERIZATION:None expected.
CONDITIONS TO AVOID:None.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxic Ingredient	Percentage of Formula	CAS#	De Minimis Level
N/A	N/A	N/A	N/A

EYE:Solid particles (powder/dust) on the eye may cause pain and irritation.
SKIN:N/A.
INGESTION:N/A.
INHALATION:Inhalation may cause respiratory tract discomfort.
COMMON ROUTES OF EXPOSURE:Ingestion, Inhalation, Skin & Eyes.
CARCINOGENICITY:This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA.
GERM CELL MUTAGENICITY:No Data Available.
CHRONIC EFFECT:N/A.
LD₅₀:Rat (oral): > 10,000 mg/kg. Rabbit (skin): > 10,000 mg/kg.

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IRRITATION:Non-irritant.

SIGNS AND SYMPTOMS OF EXPOSURE:Skin may get discolored upon contact with the dye.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY:No Data Available.

PERSISTENCE & DEGRADABILITY:No specific information available.

BIOACCUMULATIVE POTENTIAL:No Data Available.

MOBILITY IN THE ENVIRONMENT:This dye is expected to be mobile in soil as it is water soluble.

SECTION 13 –DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:Waste disposal should be in accordance with existing federal, state and local environmental regulations.

RCRA HAZARDOUS CLASS:N/A.

RCRA HAZARDOUS NUMBER:.....Not regulated.

SECTION 14 – TRANSPORTATION INFORMATION

The information listed below is offered to supplement the data which may also be found on the product's label. Depending on the packaging quantities and packaging instructions, the item may be subject to specific regulatory exceptions.

DOT TRANSPORTATION INFORMATION

DOT SHIPPING NAME:Non-hazardous powdered dye; Item # 154800.

HAZARD CLASS:N/A.

UN CODE:N/A.

NA NUMBER:.....N/A.

PACKAGING GROUP :N/A.

SPECIAL PROVISIONS:.....None.

REPORTABLE QUANTITY:N/A.

VESSEL STOWAGE:.....N/A.

EMERGENCY RESPONSE PAGE: N/A.

Sea Transport (IMDG): Not regulated

Air Transport (IATA/ICAO): Not regulated

SECTION 15 - REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

TSCA STATUS:This product is registered under the regulations of the Toxic Substances Control Act (TSCA).

RCRA HAZARDOUS CLASS:N/A.

RCRA HAZARDOUS NUMBER:.....Not regulated.

CERCLA REPORTABLE QUANTITY:.....N/A.

CERCLA HAZARDOUS SUBSTANCE:Not regulated.

SARA 312:N/A.

SARA SECTION 313:SARA Title III Section 313: This product is not reportable for SARA 313.

OSHA CRITERIA:This product is not classified as hazardous according to OSHA Hazard Communication Standard 29CFR1910.1200.

STATE REGULATIONS:

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REGULATED COMPONENT CAS #	COMPONENT CONCENTRATION	STATE REGULATION
N/A	N/A	N/A

ADDITIONAL REGULATION INFO: The colorant in this product is not on the CA Prop 65 List.

CHEMICAL INVENTORIES:

Canada DSL	Canada NDSL	Australia AICS	China IECSC	Europe EINECS	Korea KECI	Japan METI/CSCL	Philippines PICCS	New Zealand NZLOC
Y	N	Y	Y	Y	Y	No Data Found	Y	Y

SECTION 16 – OTHER INFORMATION

HMIS Information :

Health:0

Flammability:.....0

Reactivity:0

Personal Protection:.....SD

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