



126 Shove Street - Fall River, MA 02724
 orders - 1-800-2-BUY-DYE
 technical support - 508-676-3838
 email - promail@prochemical.com
 www.prochemical.com

SAFETY DATA SHEET

D360 BRIGHT RED

PRINT DATE: 10/3/14

1. PRODUCT IDENTIFICATION

PRODUCT NAME Bright Red D360
 CHEMICAL FAMILY ANTHRAQUINONE
 T.S.C.A. STATUS IN COMPLIANCE
 PRIMARY PRODUCT USE TEXTILE MANUFACTURING
 SUPPLIED BY PRO Chemical & Dye
 126 Shove Street
 Fall River, MA 02724

Emergency Telephone Numbers:
 800-255-3924 ChemTel. (United States)
 + 1 01 813-248-0585 (Outside the United States)

2. HAZARDS IDENTIFICATION

Warning: May be harmful if swallowed

This Product has been classified as Category 5 oral toxicity.

PRIMARY ROUTE OF EXPOSURE

INHALATION:	YES	SKIN ABSORPTION:	NO	INGESTION:	NO
SKIN CONTACT:	YES	EYE CONTACT:	YES		

CARCINOGEN STATUS

IARC:	NO	NTP:	NO	OSHA:	NO
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HMIS: 1 1 0 E

CRONIC EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Slightly irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRA VA TED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

3. HAZARDOUS INGREDIENTS:

Disperse Red 60 (17418-58-5) > 30%. May be harmful if swallowed

The exact ingredient percentages and composition of the components have been withheld as a trade secret.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

SKIN CONTACT Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water for 15 minutes. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

5. FIRE AND EXPLOSION DATA

FLASH POINT Not Applicable

EXTINGUISHING MEDIA CO2 Dry Chemical Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

ADDITIONAL INFORMATION Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.

8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:

Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION Employees should wear protective eye-goggles with side protection shield.

SKIN PROTECTION Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

RESPIRATORY PROTECTION Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

VENTILATION Use local ventilation.

OTHERWear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCEPOWDER
COLORRED
ODORNONE
ODOR THRESHOLD ND
SOLUBILITY IN WATERDISPERSIBLE
BULK DENSITY400 kg/m3
VISCOSITY ND
pH8.5 - 9.5 @ 100 g/l 20C
MELTING POINT\FREEZING POINT ND
PARTITION COEFFICIENT: N-OCTANOL/WATERND
BOILING POINT ND
VAPOR PRESSUREND
VAPOR DENSITYND
EVAPORATION RATE ND
FLAMMABILITYNON COMBUSTABLE
FLASH POINT> 212 F
IGNITION TEMPND
DECOMPOSITION TEMPERATURE ND
UEL ND
LELND
%VOLATILE: VALUE: ND UNIT: % COMMENT:

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: In the case of dusty organic products the possibility of a dust explosion should always be considered.
CHEMICAL STABILITY Stable
INCOMPATIBLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD₅₀ (INGESTION) > 2,000 mg/l (mouse)
FISH, LC₅₀ > 100 mg/l (48 hour Killifish)
EYE EFFECTS NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS NON-IRRITANT (RABBIT)
SENSITIZER. NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: < 10%
COD: ND

13. DISPOSAL CONSIDERATIONS

PRODUCT:If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.
UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55

IATA: NON-REGULATED

IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

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

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

CALIFORNIA PROPOSITION 65: This product does not contain any components currently on the California List of Known Carcinogens and reproductive Toxins

16. OTHER INFORMATION

The manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. The manufacturer makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall the manufacturer be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

MSDS Created: December 11, 2009

MSDS Revised: October 3, 2014