

**SAFETY DATA SHEET**  
**PROperse Disperse Bright Red D360/200%**

PRINT DATE: 1/16/17

1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... PROSPERSE DISPERSE BRIGHT RED D360/200%  
CHEMICAL FAMILY ..... ANTHRAQUINONE DYE  
T.S.C.A. STATUS ..... COMPLIANCE  
RECOMMENDED PRODUCT USE .. TEXTILE MANUFACTURING  
RESTRICTED PRODUCT USE FOR INDUSTRIAL USE ONLY  
SUPPLIED BY ..... PRO CHEMICAL & DYE  
126 SHOVE STREET  
FALL RIVER, MA 02724  
PHONE: 508-676-3838

Emergency Telephone Numbers:

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

2. HAZARDS IDENTIFICATION

GHS Classification: Health Category 5-Oral Acute Toxicity

Pictogram: NONE

Signal Word: Warning

Hazard Statements: H303: May be Harmful if Swallowed

Precautionary Statements:

P264: Wash face, hands, and any exposed skin thoroughly after handling.  
P280: Wear protective gloves/ protective clothing/eye protection/face protection  
P270: Do not eat, drink, or smoke when using this product.  
P260: Do not breathe dust/fume/gas/mist/vapors/spray  
P273: Avoid release to the environment  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15  
P337 + P313 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302 + P352 If eye irritation persists: Get medical advice/attention.  
p332 + P313  
P301 + P330 + P331 IF ON SKIN: Wash with plenty of soap and water for 15 minutes.  
P304 + P340 If skin irritation occurs: Get medical advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

### **3. COMPOSITION/INFORMATIONS ON INGREDIENTS:**

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

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

### **4. FIRST-AID MEASURES**

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. 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.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most significant symptoms and effects are described in the labelling (see section 2) and/or in section 11

INDICATION OF ANY SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

### **5. FIREFIGHTING MEASURES**

FLASH POINT ..... NA

EXTINGUISHING MEDIA ..... C02, Dry Chemical, Foam, Water

HAZARDOUS DECOMPOSITION PRODUCTS ..... C02, CO

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

### **6. ACCIDENTAL RELEASE MEASURES**

IN CASE MATERIAL IS RELEASED/SPILLED:

Clean up spill immediately. 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. Wear PPEs during clean-up. For further disposal measures see section 13.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

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

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area.

Keep the container tightly sealed and away from any incompatible materials (see Section 10).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### APPROPRIATE ENGINEERING CONTROLS:

Handle with good industrial practices and industrial hygiene. Wash hands after use.

GENERAL PROTECTIVE MEASURES: 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.

OTHER ..... Wear overalls, apron or other protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE ..... POWDER

COLOR ..... RED

ODOR ..... NONE

ODOR THRESHOLD ..... ND

SOLUBILITY IN WATER ..... DISPERSIBLE

BULK DENSITY ..... 400 kg/m<sup>3</sup>

RELATIVE DENSITY ..... NA

VISCOSITY ..... ND

pH ..... 8.5 - 9.5 @ 100 g/l

MELTING POINT/FREEZING POINT ..... ND

PARTITION COEFFICIENT: N-OCTANOL/WATER ..... ND

BOILING POINT ..... ND

VAPOR PRESSURE ..... ND

VAPOR DENSITY ..... ND

EVAPORATION RATE ..... ND

FLAMMABILITY ..... NON COMBUSTABLE

FLASH POINT ..... > 212 F

AUTO-IGNITION TEMP ..... ND

DECOMPOSITION TEMPERATURE ..... ND

UEL ..... ND

LEL ..... ND

% VOLATILE: VALUE: ND

UNIT: %

COMMENT:

## 10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.

POSSIBILITY OF 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 ..... CO<sub>2</sub>, CO, SULFUR OXIDES, NITROGEN OXIDES

CONDITIONS TO AVOID ..... Avoid dusting conditions and sparks/flame.

REACTIVITY.... Will not occur

## 11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ..... > 2000 mg/kg (MOUSE)

EYE EFFECTS ..... ~ ..... NON-IRRITANT (RABBIT)

SKIN EFFECTS ..... NON-IRRITANT (RABBIT)

SENSITIZATION ..... NOT EXPECTED

### PRIMARY ROUTE OF EXPOSURE

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

IARC: NO

NTP: NO

OSHA: NO

ACGIH: NO

HMIS: 1 1 0 E

### EFFECTS OF CHRONIC OVEREXPOSURE

None Known

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be mechanically irritating to the eyes and respiratory tract.

### MEDICAL CONDITIONS AGGRAVATED

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

## 12. ECOLOGICAL INFORMATION

FISH, LC50 ..... > 100 mg/l (48 h, Killifish)

BIODEGRADABILITY: ..... < 10 %

BACTERIA TOXICITY EC% ..... ND

COD ..... 1800 mg/g

AOX ..... 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.

RCRA HAZARDOUS WASTE ..... No .. Not as Sold

### **14. TRANSPORT INFORMATION**

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 19<sup>th</sup> 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**

This company 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. This company makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall this company be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

Creation date: August 21, 2009

Revision date: October 11, 2016