



126 Shove Street - Fall River, MA 02724  
orders - 1-800-2-BUY-DYE  
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## SAFETY DATA SHEET

**Sabrasat 180, 181, 280, 281,  
584, 586, 781 and 785**

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

ISSUE DATE 11/24/15

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME Sabrasat Yellow 180  
CHEMICAL FAMILY: MIX OF AZO DYES  
T.S.C.A. STATUS: COMPLIANCE  
Supplied by PRO Chemical & Dye  
126 Shove Street  
Fall River, MA 02724

### 2. HAZARDS IDENTIFICATION



**Danger**: May cause allergy or asthma symptoms or breathing difficulties if inhaled.



**Warning**: May cause an allergic skin reaction.

**Harmful to aquatic life. (Acute Category 3)**

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

HMIS: 2 1 0 E

## CHRONIC EFFECTS OF OVEREXPOSURE AND SIGNS AND SYMPTOMS

May be irritating to the eyes, skin, and respiratory tract. May cause skin sensitization which may be seen as redness or inflammation. This product contains a reactive dye that has been shown to cause allergic respiratory reactions in workers. A physician should be called if a worker experiences symptoms such as skin rash, puffiness around the eyes, nasal symptoms (itchy, runny, or blocked nose), lower respiratory symptoms (wheezing, chest tightness, difficulty in breathing or asthmatic attacks), dizziness or fainting. Persons allergic to dyes should avoid exposure to them.

## MEDICAL CONDITIONS AGGRAVATED

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

## 3. HAZARDS IDENTIFICATION

Propriety azo dyestuff                      10-12 %                      inhalation and dermal sensitizer

The exact ingredient percentages and composition has 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. 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 hot 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:** C02 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. See section 7 for additional information.

## 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.

- Combustible powder.
- Avoid creating dusty conditions
- Grounding is required when emptying into a conductive container.
- When flammable solvents are present, the container must be inerted or the system otherwise designed to prevent or contain an explosion. Seek expert advice.
- In addition, for products packaged in fused-lined (coated) fiber drums, fiber drums with conductive liners, steel drums, steel pails, and Type "C" FIBC (bulk bags), or other conductive the following instructions also apply:
  1. Always ground this package before emptying.
  2. The user is responsible for designing the system to handle solid and ensuring proper training of employees in the system's use.

## 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.

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

## 9. PHYSICAL DATA

APPEARANCE:      POWDER  
COLOR:            YELLOW  
ODOR:             NONE  
SOLUBILITY IN WATER: 40 g/l @ 90 deg C  
BULK DENSITY:    400-600 kg/m<sup>3</sup>  
VISCOSITY:        NA  
pH:                7.0-9.0 @ 1 g/l  
MELTING POINT/FREEZING POINT: N/A  
PARTITION COEFFICIENT: N-OCTANOL/WATER: ND  
BOILING POINT:    NA  
VAPOR PRESSURE: NA

VAPOR DENSITY: NA  
EVAPORATION RATE: NA  
FLAMMABILITY: NA  
IGNITION TEMP: NA  
DECOMPOSITION TEMPERATURE: ND  
UEL: NA  
LEL: NA  
% VOLATILE: VALUE: 0.00 UNIT: % COMMENT:

### 10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.  
HAZARDS REACTIONS: None expected  
CHEMICAL STABILITY: Stable  
INCOMPATIBLE MATERIALS: None  
CONDITIONS TO AVOID: Avoid dusting conditions and sparks/flame  
HAZARDOUS POLYMERIZATION: Will not occur

### 11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION): > 5000 mg/kg (RAT)  
FISH, LC50: >20 mg/l ( 48 hour, Oncorhynchus mykiss)  
EYE EFFECTS: NON-IRRITANT (RABBIT EYE)  
SKIN EFFECTS: NON-IRRITANT (RABBIT)  
SENSITIZATION: A SENSITIZER (GUINEA PIG)

### 12. ECOLOGICAL DATA

BIODEGRADABILITY: < 10%  
COD: 980 mg/g  
BACTERIA TOXICITY: ND  
AOX: 5.8%

### 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	Yes
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.

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