1.

PRO™ CHEMICAL & DYE
126 Shove Street Fall River, MA 02724
1-800-228-9393 www.prochemicalanddye.com

SAFETY DATA SHEET
Sabraset 480, 438, 484, 488, 489 and 789

ISSUE DATE: 7/28/21

1. PRODUCT IDENTIFICATION

PRODUCT NAME .....SABRASET TURQUOISE 480
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
Emergency Telephone Numbers: 800-255-3924 ChemTel. (United States)
+ 1 01 813-248-0585 (Outside the United States)

2. HAZARDS IDENTIFICATION

GHS Classification: Environmental Category 2- Chronic Aquatic Toxicity

Pictogram:

Signal Word: Warning

Hazard Statements: H411: Toxic to Aquatic Life with Long-Lasting Effects

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 into the environment.

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water for 15 minutes.
P30r + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P312	Call a POISON Center or doctor/physician if you feel unwell
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Proprietary Acid Dye Toxic to aquatic life.

The exact ingredient percentages and composition has 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 .....Not Applicable
EXTINGUISHING MEDIA .....CO_2 Dry Chemical Foam Water Fog
SPECIAL FIRE FIGHTING PROCEDURESIUNUSUAL 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. ACCIDENTAL RELEASE MEASURES

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. HANDLING AND STORAGE

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

CONDTIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIDLITIES
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:
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 AND CHEMICAL PROPERTIES

APPEARANCE ..... POWDER
COLOR ..... BLUE
ODOR ..... WEAK
ODOR THRESHOLD ..... NA
SOLUBILITY IN WATER ..... 65 g/l at 30 deg. C
BULK DENSITY ..... .400 - 600 kg/m3
RELATIVE DENSITY ..... NA
VISCOSITY ..... NA
pH ..... 8.5 -8.6 @ 1% SOLUTION IN WATER
MELTING POINT/FREEZING POINT ..... NA
PARTITION COEFFICIENT: N-OCTANOL/WATER ..... ND
BOILING POINT ..... NA
VAPOR PRESSURE ..... NA
VAPOR DENSITY ..... NA
EVAPORATION RATE ..... NA
FLAMMABILITY ..... NA
FLASH POINT ..... NA

AUTO-IGNITION TEMP .....NA
DECOMPOSITION TEMPERATURE ... ND
UEL .....NA
LEL .....NA
% 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
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS ..... CO_2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID .....Risk of dust explosion. Avoid dusting conditions and sparks/flame.
REACTIVITY .... Will not occur

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) .....> 5000 mg/kg (RAT)
FISH, LC50 .....4.4 mg/l (96 hour, Rainbow trout)
EYE EFFECTS .....NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS .....NON-IRRITANT (RABBIT)
SENSITIZATION .....NOT EXPECTED

PRIMARY ROUTE OF EXPOSURE

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

HMIS: 1 0 0 E

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO

CHRONIC EFFECTS OF OVEREXPOSURE
None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE
May be irritating to the eyes, skin, and respiratory tract.

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

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY: < 10%
COD: 1100 mg/g

BACTERIA TOXICITY: ND
AOX: 3.7%

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. TRANSPORT INFORMATION

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

IATA (P,C): NON-REGULATED

IMDG:

PROPER SHIPPING NAME:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S (ANTHRAQUINONE DYE)
HAZARD CLASS:	9
PACKING GROUP	III
UN/NA-number:	UN 3077
AQUATIC POLLUTANT:	YES

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	No
	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

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.

MSDS Created: March 15, 2017
MSDS Revised: July 28, 2021

PRO™ CHEMICAL & DYE