



126 Shove Street - Fall River, MA 02724  
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## SAFETY DATA SHEET

### PROperse Turquoise D426

#### SECTION I: IDENTIFICATION

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)

Trade name: PROperse Disperse Turquoise D426

#### SECTION II: HAZARDOUS INGREDIENTS

SIGNAL WORD: WARNING  
MAY FORM COMBUSTIBLE DUST CONCENTRATIONS IN AIR

ACUTE TOXICITY CLASSIFICATION: CATEGORY 5

PICTOGRAM: NONE REQUIRED

HAZARD STATEMENTS:

PRECAUTIONARY STATEMENT:

P261 AVOID BREATHING DUST/FUME/GAS/MIST/NAPOUR/SPRAY  
P273 AVOID RELEASE TO ENVIRONMENT  
P281 WEAR PPE AS REQUIRED  
P301+330+331 IF SWALLOWED: RINSE MOUTH - DO NOT INDUCE VOMITING  
P302+350 IF ON SKIN: GENTLY WASH WITH PLENTY OF SOAPY WATER  
P304 IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING  
P314 GET MEDICAL ATTENTION IF YOU FEEL UNWELL  
P501 DISPOSE OF CONTENTS AND CONTAINER IN ACCORDANCE WITH ALL LOCAL REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS

#### SECTION III: COMPOSITION INFORMATION

Chemical Name: ANTHRAQUINONE

100% PROPRIETARY DYE

#### SECTION IV: FIRST-AID MEASURES

Eyes ..... : IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT PHYSICIAN IF IRRITATION OCCURS.

Skin ..... : IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. WASH WELL WITH SOAP AND WATER. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Ingestion.: IF CONSCIOUS. GIVE TWO GLASSES OF WATER TO DILUTE. ONLY INDUCE VOMITING IF ADVISED BY POISON CONTROL CENTER.

Inhalation: REMOVE TO FRESH AIR. IF EFFECTS OCCUR, CONSULT PHYSICIAN.

ACUTE/IMMEDIATE EFFECTS: SLIGHT IRRITATION OF EYES AND SKIN

CHRONIC/DELAYED EFFECTS: NONE KNOWN

#### SECTION V: FIRE FIGHTING MEASURES

Extinguishing Media: WATER SPRAY, DRY CHEMICALS, FOAM OR CARBON DIOXIDE.

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR FULL-FACE, SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING.

Unusual Fire and Explosion Hazards: **NONE EXPECTED**

Flash Point and Method	NA	Flammable Limits	LEL: NA	UEL NA
NFPA Fire Hazards Code		Key	HMIS Codes	
HEALTH	1	O-MINIMAL	1	
FIRE	1	1-SUGHT	1	
REACTIVITY	0	2-MODERATE	0	
SPECIFIC	NA	3-SERIOUS 4-SEVERE	NE	

#### SECTION VI: ACCIDENTAL RELEASE MEASURES

ALWAYS WEAR PROPER PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION. MIX MATERIAL WITH SWEEPING COMPOUND TO MINIMIZE DUSTING WHILE SWEEPING UP AND CONTAINING. VACUUM CONTAMINATED AREA.

KEEP AWAY FROM DRAINS, SURFACE AND GROUND WATER.

REMOVE ANY SOURCES OF POTENTIAL IGNITION.

#### SECTION VII: HANDLING AND STORAGE

AVOID BREATHING DUST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. STORE IN A DRY PLACE AWAY FROM EXCESSIVE HEAT, IN ORIGINAL OR SIMILAR WATERPROOF CONTAINERS. RESEAL CONTAINERS IMMEDIATELY AFTER USE.

MAINTAIN GOOD HOUSEKEEPING TO AVOID DUST BUILD UP. AVOID INGESTION, EYE AND SKIN CONTACT. MINIMIZE INHALATION EXPOSURE BY USING DUST RESPIRATOR. WASH HANDS AFTER WEIGHING DYE TO AVOID CONTACT OF THE SKIN OR EYES WITH CONTAMINATED HANDS. A SENSITIZED INDIVIDUAL SHOULD NOT BE EXPOSED TO THE PRODUCT WHICH CAUSED THE SENSITIZATION.

MINIMALIZE RELEASE OF SUBSTANCE INTO THE ENVIRONMENT

#### SECTION VIII: EXPOSURE CONTROLS/PPE

Ventilation: USE LOCAL EXHAUST VENTILATION TO MINIMIZE EXPOSURE. MAINTAIN AIR CONCENTRATIONS BELOW OCCUPATIONAL EXPOSURE STANDARDS WHEN POSSIBLE

Respiratory: A NIOSH/MSHA APPROVED DUST RESPIRATOR SHOULD BE WORN.

Eye Protection: WEAR SIDE-SHIELD SAFETY GLASSES OR CHEMICAL SAFETY GOGGLES.

Skin: WEAR APPROPRIATE PROTECTIVE CLOTHING, WEAR IMPERVIOUS GLOVES AS A STANDARD HANDLING PROCEDURE.

DELUGE SAFETY SHOWER, AND EYE WASH TATION SHOULD BE IN VICINITY OF WORK AREA

**All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.**

## SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	POWDER			
COLOR:	BLUE			
ODOR:	SLIGHTLY AROMATIC			
SOLUBILITY:	DISPERSIBLE			
pH:	N.E.			
MELTING POINT:	N.A.			
BOILING POINT:	N.A.			
FLASH POINT:	N.E.	METHOD: N.E.	LEL: N.E.	LUL: N.E.
AUTO IGNITION TEMP:	N.A.			
DECOMPOSITION TEMP:	N.A.			
VISCOSITY:	N.A.			

## SECTION X: STABILITY AND REACTIVITY

STABLE UNDER NORMAL STORAGE CONDITIONS.

Incompatibility (Materials to Avoid): OXIDIZING AND REDUCING AGENTS.

Hazardous Decomposition Products:

BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN AND SULFUR.

Hazardous Polymerization: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

## SECTION XI: TOXICOLOGICAL INFORMATION

LD-50: (ORAL)	>5,000	MG/KG	(RAT)
LD-50: (DERMAL)	N.E.		
LC50 > 100 mg/l	48 HOUR RAINBOW TROUT		

ROUTE OF EXPOSURE: SKIN AND EYES  
TLV: N.E.

EFFECTS OF OVEREXPOSURE:

ACUTE: SLIGHT IRRITATION OF EYES AND/OR SKIN  
CHRONIC: NO KNOWN CHRONIC ILL EFFECTS<sub>2</sub>

NOT A KNOWN MUTAGEN, CARCINOGEN, OR ASPIRATION HAZARD.  
NOT KNOWN TO CAUSE REPRODUCTIVE TOXICITY.

## SECTION XII: ECOLOGICAL INFORMATION

BACTERIA TOXICITY	IC50	> 100 mg/l	ACTIVATED SLUDGE
AQUATIC TOXICITY	ECO	>100 mg/l 24 HOUR	DAPHNIA MAGNA
COD	1449	mg/g	
BIODEGRADATION	80%		

### **SECTION XIII: DISPOSAL INFORMATION**

Disposal Considerations: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE AND SHOULD NOT BE DISTRIBUTED, MADE AVAILABLE, FURNISHED OR REUSED EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT.

### **SECTION XIV: TRANSPORTATION INFORMATION**

DOT SHIPPING NAME: NOT REGULATED

TECHNICAL SHIPPING NAME: NOT REGULATED

DOT HAZARD CLASSIFICATION

PRIMARY: NOT APPLICABLE

SECONDARY: NOT APPLICABLE

FREIGHT CLASSIFICATION: NOT REGULATED

UN NUMBER: NOT APPLICABLE

IMO HAZARD CLASS: NOT REGULATED

DOT LABELS REQUIRED: COMMUNITY RIGHT TO KNOW LABEL

EPA/DOT HAZARDOUS SUBSTANCE RQ: NOT APPLICABLE.

### **SECTION XV: REGULATORY INFORMATION**

TSCA: ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

APPROVED SUBSTANCE ON THE FOLLOWING INTERNATIONAL LISTS:

EINECS ENCS ECL DSL AICS PICCS ASIA-PAC NZIoC

NOT REPORTABLE UNDER SARA TITLE III SEC: 302,304, 313

NOT KNOWN TO BE A FORBIDDEN AZO DYE (GERMAN LIST)

NOT LISTED AS PROPOSITION 65 CHEMICAL

NO LABEL NECESSARY IN ACCORDANCE WITH ECC DIRECTIVES

CONFORMS TO EC DIRECTIVE 2001/58/EC

### **SECTION XVI: OTHER INFORMATION**

FOR INDUSTRIAL USE ONLY

DISCLAIMER

**Information contained herein is, to our best knowledge, true and accurate. It is offered for information only, as we cannot guarantee the results of processes not under our direct control.**

N.E. NOT ESTABLISHED NA NOT APPLICABLE

Date of Last Revision: 11/6/15

REASON FOR UPDATE: FORMAT CHANGE