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SAFETY DATA SHEET

WF425c, WF403, WF416, WF417 and WF421

PRINT DATE: 3/4/15

1. PRODUCT IDENTIFICATION

PRODUCT NAMEWashFast National Blue 425c
 CHEMICAL FAMILYANTHRAQUINONE
 T.S.C.A. STATUSCOMPLIANCE
 PRIMARY PRODUCT USETEXTILE 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.

Warning: Causes Eye Irritation

This Product has been classified as a Category 2B eye irritant.

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES	SKIN ABSORPTION: NO	INGESTION: NO
SKIN CONTACT: YES	EYE CONTACT: YES	
CHRONIC EFFECTS OF OVEREXPOSURE		

Not Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, or 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.

3. HAZARDOUS INGREDIENTS

Acid Blue 25 (6408-78-2) 70 - 80 May be harmful if swallowed. Causes eye irritation

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

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT Immediately flush eyes with flowing water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Get medical attention.

SKIN CONTACT Wash skin thoroughly with soap and water. Get medical attention if irritation develops.

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

INHALATION Remove to fresh air. If breathing is difficult give oxygen; if not breathing give artificial respiration. Get medical attention.

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:

As in any fire, wear self-contained breathing apparatus and full protective equipment.

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

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

Wear appropriate safety equipment. Contain and clean up spill immediately. Prevent from entering floor drains.

Contain liquids using absorbants. Sweep powders carefully minimizing dusting. Shovel all spill materials into disposal drums and follow disposal instructions.

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 Wear safety glasses with side shields or safety goggles.

SKIN PROTECTION Wear chemical resistant rubber gloves and long sleeved clothing.

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 BLUE

ODOR NONE

ODOR THRESHOLD NA

SOLUBILITY IN WATER 30 g/l at 20 deg C

BULK DENSITY 400 - 600 kg/m³

VISCOSITY NA

pH 6.0 - 7.0 (10 g/L @ 20 deg C)

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

IGNITION TEMP NA

DECOMPOSITION TEMPERATURE ND

UEL NA

LEL NA

VOLATILE: VALUE: NO

UNIT:

COMMENT:

10. REACTIVITY DATA

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

HAZARDOUS REACTIONS: None expected 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)> 2000 mg/kg (Rat)
FISH, LC50>200 mg/l 48 hour (Poecilia reticulata p.)
EYE EFFECTSSLIGHT IRRITANT (RABBIT)
SKIN EFFECTSNON-IRRITANT (RABBIT)
SENSITIZATIONNOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: < 10
BACTERIA TOXICITY IC50: NO
AOX CONTENT: 0.0

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 (C, P) = NON-HAZARDOUS

IMDG = NON-HAZARDOUS

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

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

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th
Amendment of the Council Directive 7617691EEC.

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 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: September 25, 2009
MSDS Revised: July 27, 2010

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