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Safety Data Sheet
WF425c, WF 403, WF416, WF417 AND WF421

PRINT DATE: 3/4/19

1. PRODUCT IDENTIFICATION

PRODUCT NAME WF425c, WF 403, WF416, WF417 AND WF421
 CHEMICAL FAMILY ANTHRAQUINONE
 T.S.C.A. STATUSCOMPLIANCE
 RECOMMENDED PRODUCT USE.. TEXTILE MANUFACTURING
 SUPPLIED BY G&K CRAFT INDUSTRIES
 126 SHOVE STREET
 FALL RIVER, MA 02724
 PHONE: 508-676-3883

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 800-255-3924 ChemTel. (United States)
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2. HAZARDS IDENTIFICATION

GHS Health Category 2A-Eye Irritant
 Classification: Health Category 5-Oral Toxicity

Pictogram:



Signal Word: Warning

Hazard Statements: H319: Causes Serious Eye Irritation
 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 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- 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
Anthraquinone Dye

May be harmful if swallowed. Causes eye
irritation

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

4. FIRST-AID MEASURES

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 FIGHTING MEASURES

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. ACCIDENTAL RELEASE MEASURES

IN CASE MATERIAL IS RELEASED/SPILLED:

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

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

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROL 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 ... 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 AND CHEMICAL PROPERTIES

APPEARANCEPOWDER

COLOR BLUE

ODOR NONE

ODOR THRESHOLD NA

SOLUBILITY IN WATER ..30 g/l at 20 deg C

BULK DENSITY400 - 600 kg/m³

RELATIVE DENSITYNA

VISCOSITY NA

pH6.0 - 7.0 (10 g/L @ 20 deg C)

MELTING POINT/FREEZING POINT NA

PARTITION COEFFICIENT: N-OCTANOL/WATER NO

BOILING POINT NA

VAPOR PRESSURE NA

VAPOR DENSITY NA

EVAPORATION RATE NA

FLAMMABILITY NA

FLASH POINT NA

AUTO-IGNITION TEMP NA

DECOMPOSITION TEMPERATURE ND

UELNA

LELNA.

%VOLATILE:

VALUE: NO

UNIT:

COMMENT:

10. STABILITY AND REACTIVITY

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

POSSIBILITY OF HAZARDOUS REACTIONS: None expected In the case of dusty organic products the possibility of a dust explosion should always be considered.

CHEMICAL STABILITYStable

INCOMPATIBLE MATERIALS: None

HAZARDOUS DECOMPOSITION PRODUCTS C02, CO, SULFUR OXIDES,
NITROGEN OXIDES

CONDITIONS TO AVOID Avoid dusting conditions and sparks/flare.

REACTIVITY Will not occur

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) > 2000 mg/ka (Rat)
FISH, LC50 >200 mg/l 48 hour (Poecilia reticulata p.)
EYE EFFECTS SLIGHT IRRITANT (RABBIT)
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		

CARCINOGEN STATUS

IARC:	NO	NTP:	NO	OSHA:	NO
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HMIS: 1 1 0 E

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.

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY: < 10
BACTERIA TOXICITY IC50: ND
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. TRANSPORT INFORMATION

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 76/769/EEC.

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.

MDSD Created: March 23, 2017

MSDS Revised: March 23, 2017