1. PRODUCT IDENTIFICATION

PRODUCT NAME ................. WASHFAST MAGENTA 338
CHEMICAL FAMILY ............ AZO
T.S.C.A. STATUS ............... COMPLIANCE
PRIMARY PRODUCT USE ........ TEXTILE MANUFACTURING
DISTRIBUTED BY ............... PRO Chemical & Dye
126 Shove Street
Fall River, MA  02724

2. HAZARDS IDENTIFICATION

Health Category 2A- Serious Eye irritation

~ Warning: Causes Serious Eye Irritation

Wash face, hands, and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection
Do not eat, drink, or smoke when using this product.
Do not breathe dust/fume/gas/mist/vapors/spray
Avoid release to the environment.
IF IN EYES: Rinse with water for 15 minutes. If eye irritation persists, get medical advice.
IF ON SKIN: Wash with plenty of soap and water for 15 minutes while removing clothing.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position. If experiencing respiratory symptoms: Call a doctor/physician

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: 1 10 E

CHRONIC EFFECTS OF OVEREXPOSURE
None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Irritating to the eyes. May be irritating to the 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.

3. HAZARDOUS INGREDIENTS

Acid Red 138 (15792-43-5) > 50 % Irritant

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 remains. 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.

5. FIRE AND EXPLOSION DATA

FLASH POINT ..................................... NA

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.
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.

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 ..........................RED
ODOR ..........................NONE
ODOR THRESHOLD .............NA
SOLUBILITY IN WATER ........75 g/l @ 20 C
BULK DENSITY ................. ND
VISCOSITY .................. NA
pH ..................................6.0 -7.0 (10 g/l in water)
MELTING POINT/FREEZING POINT ........ NA
PARTITION COEFFICIENT: N-OCANOL/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: 0.03 UNIT: % COMMENT:
10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
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: CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO A VOID: In the case of dusty organic products the possibility of a dust explosion should always be considered. Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION): > 5000 mg/l (RAT)
FISH, LC50: > 1 00 mg/l (96 h, Onchorhynchus mykiss)
EYE EFFECTS: IRRITANT (RABBIT)
SKIN EFFECTS: NON-IRRITANT (RABBIT)
SENSITIZATION: NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: ND
BACTERIA TOXICITY: ND
COD: 1500 mg/g
AOX: ND

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:

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Yes</th>
<th>No</th>
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</thead>
<tbody>
<tr>
<td>Immediate (acute) health hazard</td>
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<td>No</td>
</tr>
<tr>
<td>Delayed (chronic) health hazard</td>
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</tr>
<tr>
<td>Fire hazard</td>
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<tr>
<td>Sudden Release of Pressure</td>
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<td>No</td>
</tr>
<tr>
<td>Reactivity</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

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: December 7, 2009
MSDS Revised: August 26, 2016
SAFETY DATA SHEET
Mulberry WF809

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME-------- WashFast Acid Red 351

Supplier : 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)

SECTION 2: HAZARD IDENTIFICATION

Classification:
Skin corrosion/irritation----------------Category 2
Serious eye damage /eye irritation------Category 2

EMERGENCY OVERVIEW

signal word
WARNING

Hazard statements : H315 – Causes skin irritation
H319 - Causes serious eye irritation

Appearance powder Physical State Powder Odor None

Precautionary statements
P310 – Immediately call a POISON CENTER or doctor/physician
P302+ P352 – IF ON SKIN: Wash with plenty of soap and water
P321- Specific treatment (see supplemental first aid instructions on this label)
P332+ P313 – If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P264 – Wash face, hands and any exposed skin thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P305 +P351 +P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 +P313 – If eye irritation persists: Get medical advice/attention

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

Unknown Acute Toxicity
100 percent of the mixture consists of ingredient(s) of unknown acute toxicity
SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

CHEMICAL NAME       ACID RED 151
C. A. S. #           6406-56-0

SECTION 4: FIRST AID MEASURES

First aid measures for different exposure routes.

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN: WASH WITH MILD SOAP AND WATER. IF IRRITATION OCCUR GET MEDICAL ATTENTION. IF CLOTHING IS CONTAMINATED, REMOVE AND WASH BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

INGESTION: RINSE MOUTH. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION. IF UNCONSCIOUS, DO NOT GIVE ANYTHING TO DRINK. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 5: FIRE FIGHTING MEASURES

IN CASE OF FIRE----- KEEP UNNECESSARY PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND, OUT OF LOW AREAS, AND VENTILATE CLOSED SPACES BEFORE ENTERING.

FIRE FIGHTING PROCEDURE-----DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT.

FIRE FIGHTING EQUIPMENT----USE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.

SECTION 6: ACCIDENTAL SPILL OR RELEASE INSTRUCTIONS

STEPS TO BE TAKEN---- DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. STOP LEAK IF YOU CAN DO IT WITHOUT RISK. TAKE UP WITH SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIALS AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SCRUB SPILL AREA WITH DETERGENT, FLUSH WITH COPIOUS AMOUNT OF WATER.

WASTE DISPOSAL METHOD---- BURY OR INCINERATE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

CONTAINER REUSE METHOD---- CONTAINERS SHOULD NOT BE REUSED WITHOUT PROFESSIONAL CLEANING AND CONDITIONING.

SECTION 7: HANDLING AND STORAGE

NO SPECIAL PRECAUTIONS ANTICIPATED. WEAR ALL PROPER PERSONAL PROTECTION EQUIPMENT AS OUTLINED IN SECTION VIII AND AVOID PHYSICAL CONTACT WITH MATERIAL.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

RESPIRATORY---- NIOSH APPROVED DUST RESPIRATOR WHEN NEEDED.

SKIN------ ALWAYS WEAR IMPERVIOUS GLOVES AND APPROPRIATE EQUIPMENT TO PREVENT PROBABILITY OF PERSONAL CONTACT.

EYES---- WEAR SIDE-SHIELD SAFETY GLASSES.

VENTILATION---- LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE LIMITS AND TO DRAW SPRAY, AEROSOL, VAPORS OR DUSTS AWAY FROM WORKERS AND PREVENT ROUTINE INHALATION.
## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<tr>
<td>pH OF PRODUCT</td>
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</table>

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY**
- Stable under normal conditions

**CONDITIONS TO AVOID**
- None known

**INCOMPATIBLE MATERIALS**
- Unknown

**HAZARDOUS DECOMPOSITION PRODUCTS**
- Burning will produce oxides of carbon, nitrogen, and other potentially toxic fumes.

**HAZARDOUS POLYMERIZATION**
- Will not undergo polymerization.

**CONDITIONS TO AVOID**
- None known

## SECTION 11: TOXICOLOGICAL INFORMATION

**ORAL LD50 (RAT)**
- No data currently available

**DERMAL LD50**
- No data currently available

**EYE EFFECTS (RABBIT)**
- No data currently available

**SKIN EFFECTS (RABBIT)**
- No data currently available

**MUTAGENICITY**
- No data currently available

**INHALATION LC50**
- No data currently available

**SKIN SENSITIZATION (GUINEA PIG)**
- No data currently available

**RESPIRATORY SENSITIZATION**
- No data currently available

**ADDITIONAL TOXICITY DATA**
- No data currently available

**SUPPLEMENTAL TEST DATA**
- No data currently available

**OTHER DATA**
- No data currently available

## SECTION 12: ECOLOGICAL DATA

**BOD**
- No data currently available

**COD**
- No data currently available

**AQUATIC TOXICITY**
- No data currently available

**BIODEGRADABILITY**
- No data currently available

**PERSISTENCE**
- No data currently available

**SEWAGE TREATMENT**
- No data currently available

**SUPPLEMENTAL TEST DATA**
- No data currently available

**ECOTOXICITY**

- 0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Toxicity to Algae**
- No data available

**Toxicity to Fish**
- No data available

**Toxicity to daphnia and other aquatic invertebrates**
- No information available

**Persistence and Degradability**
- No information available

**Bioaccumulation**
- No information available

**Other Adverse Effects**
- No information available
SECTION 13: DISPOSAL AND ENVIRONMENTAL CONSIDERATION

Waste treatment

**Waste Disposal Methods** Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

**Contaminated Packaging** Do not re-use empty containers. Dispose of in accordance with local regulations.

SECTION 14: SHIPPING AND TRANSPORTATION INFORMATION

**DOT REGULATION (GROUND)**—NOT REGULATED
**IATA REGULATION (AIR)**—NOT REGULATED
**IMDG/IMO REGULATION (WATER)**—NOT REGULATED

**DOT HAZARD CLASS**—NON-HAZARDOUS
**DOT CLASSIFICATION**—NON-HAZARDOUS MATERIAL
**COMMODITY CLASS**—INK MATERIAL

SECTION 15: REGULATORY INFORMATION

**REGULATORY LIST REFERENCE:**

**NOTE:** WHEN NO COMPONENTS ARE SHOWN IN SPACE ABOVE THIS NOTE, NO FEDERAL OR STATE REPORTING REQUIREMENTS APPLY TO THIS PRODUCT. WHEN COMPONENTS ARE LISTED ABOVE, LIST NUMBERS SHOWN BELOW INDICATE APPLICABLE REGULATIONS.

**LIST NUMBERS**
1 ACCIDENTAL RELEASE SUBSTANCE
2 CERCLA 304 HAZARDOUS SUBSTANCE(RQ)
3 RESERVED
4 CLEAN AIR ACT-SEC.111 VOLATILE ORGANIC COMPOUNDS
5 CLEAN AIR ACT-SEC.112 HAZ. AIR POLLUTANT (HAP,HAP CODE)
6 CLEAN AIR ACT-OZONE DEPLETING CHEMICAL(ODC)
7 CLEAN WATER ACT-RQ
8 CLEAN WATER ACT-PRIORITY POLLUTANT(PP)RQ
9 MARINE POLLUTANT (MP)
10 PSM HIGHLY HAZARDOUS CHEMICAL
11 RCRA HAZARDOUS WASTE (RCRA CODE)
12 SARA 302 EXTREMELY HAZARDOUS SUBSTANCE (EHS)(RQ)
13 SARA 313 TOXIC RELEASE INVENTORY (TRI)(TR CONC, TR THRESHOLD)
14 SOCMI CHEMICAL (CAA)
15 STATE LISTS
   CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHOO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN,
   MN-MINNESOTA, NJ-RTK NEW JERSEY HAZARDOUS SUBSTANCE LIST, NJ-TPCA NEW JERSEY EXTREMELY HAZARDOUS
   SUBSTANCE LIST, NY-NEW YORK, PA- PENNSYLVANIA, WA-WASHINGTON, WV-WEST VIRGINIA, WI-WISCONSIN
16 SUPPLEMENTAL REGULATORY INFORMATION(SRI)

**T.S.C.A.**—IN COMPLIANCE
**0.S.H.A.** HAZARD CLASSIFICATION: NON HAZARDOUS

**SARA 311/312 HAZARD CATEGORIES:**

IMMEDIATE/ACUTE HEALTH HAZARD: NO
CHRONIC/DELAYED HAZARD: NO
FLAMMABLE: NO
REACTIVITY HAZARD: NO
OXIDIZER: NO

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372
Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals.

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 01/20/2014

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0 PERSONAL PROTECTION: F

DISCLAIMER:

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910, 1200 AND SUPRESEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.
1. PRODUCT IDENTIFICATION

PRODUCT NAME ................. WASHFAST 813 and 818
CHEMICAL FAMILY ............ TRIARYMETHANE 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
                                      PHONE: 508-676-3838

EMERGENCY PHONE NUMBER:
800-255-3924 ChemTel.  (United States)
+ 1  01  813-248-0585 (Outside the United States)

2. HAZARDS IDENTIFICATION

2.1.1 GHS Classification
NON-CATEGORIZED

2.2.1 GHS Labeling

Signal Word: NONE

Hazard Pictogram: NONE

Hazard Statement: NONE

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
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.
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/INFORMATIONS ON INGREDIENTS

NO HAZARDOUS MATERIALS ARE CONTAINED IN THIS PRODUCT

The exact ingredient percentages and composition of the components have 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. FIRE FIGHTING MEASURES

FLASH POINT ..................... NA
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.

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

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
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 PYC 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<td>Powder</td>
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<tr>
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<td>Relative Density</td>
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<td>Auto-Ignition temp</td>
<td>NA</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>ND</td>
</tr>
<tr>
<td>UEL</td>
<td>NA</td>
</tr>
<tr>
<td>LEL</td>
<td>NA</td>
</tr>
<tr>
<td>Volatile: Value</td>
<td>0.00</td>
</tr>
<tr>
<td>Unit</td>
<td>%</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Thermal Decomposition: No thermal decomposition when stored and handled correctly.
Possibility of Hazardous Reactions: None expected
Chemical Stability: Stable
Incompatible Materials: None
Hazardous Decomposition Products: CO2, CO, Sulfur Oxides, Nitrogen Oxides
Conditions to Avoid: Avoid dusting conditions and sparks/flame.
Reactivity: Will not occur
11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ..........>5000 mg/kg (RAT)
FISH, LC50 ............................................. > 500 mg/l 48hr (RAINBOW TROUT)
EYE EFFECTS .................................................. NON-IRRITANT (RABBIT)
SKIN EFFECTS ............................................... NON-IRRITANT (RABBIT)
SENSITIZATION .............................................. NOT EXPECTED

PRIMARY ROUTE OF EXPOSURE

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

Carcinogen status

IARC: NO  NTP: NO  OSHA: NO

HMIS: 1 1 0 E

CHRONIC EFFECTS OF OVEREXPOSURE
None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE
May be irritating to the 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: ND
BACTERIA TOXICITY: ND

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: 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 No
            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.

MSDS Created: December 1, 2010
MSDS Revised: August 25, 2016
1. PRODUCT IDENTIFICATION

PRODUCT NAME ... WASHFAST BRILLIANT VIOLET WF817
CHEMICAL FAMILY ... TRIARYLMETHANE DYESTUFF
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
PHONE: 508-676-3838

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 3- Chronic aquatic toxicity

Pictogram: NONE
Signal Word: NONE

Hazard Statements: H412: Harmful 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 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/INFORMATIONS ON INGREDIENTS

Proprietary Acid Dye Harmful to aquatic organisms

The exact ingredient percentages and composition of non-hazardous 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. FIREFIGHTING MEASURES

FLASH POINT ................................Not Applicable

EXTINGUISHING MEDIA ..................C02 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 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 ........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

APPEARANCE .................POWDER
COLOR ..........................DARK VIOLET
ODOR ............................SLIGHT
ODOR THRESHOLD ...........NA
SOLUBILITY IN WATER .......35 g/l @ 25C
BULK DENSITY ...............400 - 550 kg/m3
RELATIVE DENSITY ..........NA
VISCOSITY .....................NA
pH ................................3.5 - 5.0 @ 100 g/l
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: 0.00 UNIT: % COMMENT:

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
POSSIBILITY OF HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY .....................Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS .....CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID..............Avoid dusting conditions and sparks/flame.
REACTIVITY:.... Will not occur
11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ..........> 5000 mg/kg (Rat)
FISH, LC50 .............................................................. 10 - 100 mg/l (48 h, Leucscus idus)
EYE EFFECTS ..................................................NON-IRRIT ANT (Rabbit)
SKIN EFFECTS .................................................NON-IRRIT ANT (Rabbit)
SENSITIZATION ..............................................NON- SENSITIZER (GUINEA PIG)

PRIMARY ROUTE OF EXPOSURE

<table>
<thead>
<tr>
<th>PRIMARY ROUTE</th>
<th>INHALATION</th>
<th>SKIN CONTACT</th>
<th>SKIN ABSORPTION</th>
<th>EYE CONTACT</th>
<th>INGESTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>INHALATION</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<td>SKIN CONTACT</td>
<td>YES</td>
<td></td>
<td></td>
<td>YES</td>
<td></td>
</tr>
</tbody>
</table>

CARCINOGEN STATUS

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

CHRONIC EFFECTS OF OVEREXPOSURE
Not Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Irritating to the eyes. May be irritating to the 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: ND
BACTERIA TOXICITY: ND
INVERTEBRATE TOXICITY: ND
AOX: 0.00

13. DISPOSAL CONSIDERATIONS

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- Sudden Release of Pressure: No
- Reactivity: No

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MSDS Created: March 28, 2017
MSDS Revised: March 28, 2017