1. PRODUCT IDENTIFICATION

PRODUCT NAME .................. WASHFAST ACID LOLLIPOP RED 321
CHEMICAL FAMILY ........... MIX OF AZO DYESTUFFS
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:  Health Category 2B- Eye Irritant
                     Health Category 5- Oral Toxicity
                     Environmental Category 3- Chronic Aquatic Toxicity

Pictogram:          NONE

Signal Word:        Warning

Hazard Statements:
H320: Causes Eye Irritation
H412: Harmful to Aquatic Life with Long-Lasting Effects
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/INFORMATIONS ON INGREDIENTS

Proprietary Azo Dye   Eye Irritant. May be harmful if swallowed. Harmful to aquatic organisms.

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 ............... 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 .................... CO2 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 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

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<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder</td>
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<tr>
<td>Odor</td>
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<tr>
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<tr>
<td>Solubility in Water</td>
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<tr>
<td>Bulk Density</td>
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<td>Relative Density</td>
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<tr>
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<tr>
<td>LEL</td>
<td>NA</td>
</tr>
<tr>
<td>% Vola Tile</td>
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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
1. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ........... > 2,000 mg/l (Rats)
FISH, LC50 ..................................10 -100 mg/l (48 hour, Poecilia Reticulata P)
EYE EFFECTS ............................SLIGHT-IRRITANT (RABBIT EYE)
SKIN EFFECTS ............................NON-IRRITANT (RABBIT)
SENSITIZATION ..........................NOT EXPECTED

PRIMARY ROUTE OF EXPOSURE

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<th>NO</th>
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<td>EYE CONTACT:</td>
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CARCINOGEN STATUS

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<tr>
<td>OSHA:</td>
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<tr>
<td>NTP:</td>
<td>NO</td>
</tr>
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</table>

HMIS: 1 0 0 E

CHRONIC EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the eyes, skin, and respiratory tract.

MEDICAL CONDITIONS AGGRA VATED

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: ND
AOX: 0.00%

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  Yes
            Delayed (chronic) health hazard  No
            Fire hazard  No
            Sudden Release of Pressure  No
            Reactivity  No

This dye can, by reductive cleavage of one or more azo groups, release one or more of the aromatic amines listed in the Point 21 of annex to the commission decision 2002/371/EC

4-Aminoazobenzene (60-09-3)

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 28, 2017
MSDS Revised: March 28, 2017
2. HAZARDS IDENTIFICATION

GHS Classification: Health Category 2A - Eye Irritant

Pictogram:

Signal: Warning

Hazard Statements: H319: Causes Serious Eye Irritation

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 Red Irritant

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. FIRE FIGHTING MEASURES

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

EXTINGUISHING MEDIA .......... CO2 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 INCOMPTABILITIES
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/PERSOANL 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 ........................ RED
ODOR .......................... NONE
ODOR THRESHOLD ........ NA
SOLUBILITY IN WATER ...75 g/l @ 20 C
BULK DENSITY......... .....ND
RELATIVE DENSITY ..... NA
VISCOSITY .................. NA
pH ............................... 6.0 - 7.0 (10 g/l in water)
MELTING POINT/FREEZING POINT NA
PARTITION COEFFICIENT: N-OCTANOL/WATER ..ND
BOILING POINT ............. NA
V APOR 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: 0.03 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\text{2}, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID: In the case of dusty organic products the possibility of a dust explosion should always be considered. Avoid dusting conditions and sparks/flame.
REACTIVITY: Will not occur

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) \textgreater 5000 mg/l (RAT)
FISH, LC50 \textgreater 100 mg/l (96 h, Onchorhynchus mykiss)
EYE EFFECTS: 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

HMIS: 1 1 0 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.

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY: NO
BACTERIA TOXICITY: NO
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. 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 Yes
          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 17, 2017
MSDS Revised: March 17, 2017
1. PRODUCT IDENTIFICATION

PRODUCT NAME .................. WASHFAST 339 LOBSTER BISQUE
CHEMICAL FAMILY ............. AZO
T.S.C.A. STATUS ................. COMPLIANCE
PRIMARY PRODUCT USE .... TEXTILE 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

Harmful to aquatic life with long lasting effects. (Chronic Category 3)

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES      SKIN ABSORPTION: NO      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 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.
3. HAZARDOUS INGREDIENTS

Acid Yellow 19 (12220-64-3) 40 – 50% Harmful to aquatic life

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 ............ 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.

5. FIRE AND EXPLOSION DATA

FLASH POINT .................. NA
EXTINGUISHING MEDIA ............ CO2 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 ..........................YELLOW
ODOR ............................SLIGHTLY AROMATIC
ODOR THRESHOLD ........ NA
SOLUBILITY IN WATER ...... 11 g/l @ 25 C
BULK DENSITY ..................ND
VISCOSITY ........................ NA
pH ..................................ND
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: 0.00
UNIT: ..............................
COMMENT: ............................

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: None expected
CHEMICAL STABILITY .......................... Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS ......C02, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID .............. Avoid dusting conditions and sparks/flame.
HAZARDOUS POLYMERIZATION .... Will not occur

PAGE 3
11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ........ > 5,000 mg/l (RAT)
FISH, LC50 ......................................................... ND
EYE EFFECTS ...................................................... NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS ...................................................... NON-IRRITANT (RABBIT)
SENSITIZATION ..................................................... NOT EXPECTED

12. ECOLOGICAL DATA

BIODEGRADABILITY: NO
BACTERIA TOXICITY: NO
AOX CONTENT: 11.6

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.

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<td>Delayed (chronic) health hazard</td>
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<tr>
<td>Fire hazard</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sudden Release of Pressure</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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

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 material 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: January 4, 2010
MSDS Revised: January 30, 2015
SAFETY DATA SHEET
WashFast 340 Poppy Red

ISSUE DATE: 11/15/16

1. PRODUCT IDENTIFICATION

PRODUCT NAME ................. WASHFAST 340 POPPY RED
CHEMICAL FAMILY ............... DISAZO
T.S.C.A. STATUS ................. IN COMPLIANCE
PRIMARY PRODUCT USE ..... TEXTILE 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

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.
PRIMARY ROUTE OF EXPOSURE

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

CARCINOGEN STATUS

| IARC: | NO | NTP: NO | OSHA: NO | ACGIH: 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.

3. HAZARDOUS INGREDIENTS

Acid Orange 33 (6507-77-3) > 50 % Toxic to Aquatic Organisms

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 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.

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:
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. Scrub spilled area with detergent, flush with copious amount of water. 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 .......................ORANGE
ODOR ..........................NONE
ODOR THRESHOLD ........ NA
SOLUBILITY IN WATER ......150 g/l @ 90C
BULK DENSITY ...............ND
VISCOSITY ........................NA
pH ..................................8.7 @ 80 g/l 20 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
INGNIITION TEMP ................NA
DECOMPOSITION TEMPERATURE .... ND
UEL .............................NA
LEL .............................NA

% VOLATILE: VALUE: ND 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
INCOMPATIBLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS: CO2, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID: Avoid dusting conditions and sparks/fire.
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION): > 5000 mg/l (Rat)
FISH, LC50: > 10 mg/l (96 hour Brachydanio rerio)
EYE EFFECTS: NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS: NON-IRRITANT (RABBIT)
SENSITIZATION: NOT EXPECTED

12. ECOLOGICAL DATA

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. 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 MATERIAL
IMDG: NON-HAZARDOUS MATERIAL
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.

<table>
<thead>
<tr>
<th>SARA 312</th>
<th>Immediate (acute) health hazard</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Delayed (chronic) health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>Fire hazard</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Sudden Release of Pressure</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Reactivity</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: September 4, 2009
MSDS Revised: August 25, 2016
SAFETY DATA SHEET

WASHFAST FUCHSIA 349

PRINT DATE: 4/3/17

1. PRODUCT IDENTIFICATION

PRODUCT NAME ..................WASHFAST FUCHSIA 349
CHEMICAL FAMILY .............AZO
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: Health Category 2B- Eye Irritant
Health Category 3-Skin Irritant
Health Category 5-Oral Toxicity
Environmental Category 3- Chronic Aquatic Toxicity

Pictogram: NONE

Signal Word: Warning

Hazard Statements: H316: Causes Mild Skin Irritation
H320: Causes Eye Irritation
H412: Harmful to Aquatic Life with Long-Lasting Effects
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/INFORMATIONS ON INGREDIENTS

Proprietary Azo Dye
Causes eye and skin irritation. May be harmful if swallowed. Harmful to aquatic life. 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 ................ 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 ............... CO2 Dry Chemical Foam Water Fog
SPECIAL FIREFIGHTING 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 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 .......................... RED
ODOR .......................... NONE
ODOR THRESHOLD ............. NA
SOLUBILITY IN WATER ........ 30 g/l @ 20 C
BULK DENSITY .................. ND
RELATIVE DENSITY .............. NA
VISCOSITY ....................... NA
pH .................................. 7.5 - 8.5 @ 1.0 g/l
MELTING POINT/FREEZING POINT .... NA
PARTITION COEFFICIENT: N-OCT ANOL/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 .... NO
UEL ................................. NA
LEL ................................. NA
%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
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) .......... >3000 mg/kg (RAT)
FISH, LC50 ........................................................................ ND
EYE EFFECTS ........................................................................ SLIGHT- IRRITANT (RABBIT)
SKIN EFFECTS ........................................................................ SLIGHT- 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 |
| HMIS: 1 0 0 E |

CRONIC EFFECTS OF OVEREXPOSURE
None 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: ND
BACTERIA TOXICITY: IC50 ND
AZO: > 2.0%

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: 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: Yes
- 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.

Created: March 23, 2017
Revised: March 23, 2017
SAFETY DATA SHEET
WashFast Bright Red WF351, WF304, WF306, WF307, WF311, WF313, WF350, WF368 and WF372

SECTION 1: PRODUCT IDENTIFICATION

Product name: WashFast Bright 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 BRIGHT RED WF351
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 UN NECESSARY 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 A WAY FROM WORKERS AND PREVENT ROUTINE INHALATION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapor Pressure</td>
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</tr>
<tr>
<td>Vapor Density</td>
<td>N/A</td>
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<tr>
<td>Volatility</td>
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<tr>
<td>Freeze Point</td>
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<td>Melting Point</td>
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<td>Flammable Limits</td>
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<td>Odor</td>
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<td>Appearance</td>
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<tr>
<td>Specific Gravity</td>
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<tr>
<td>Evaporation Rate</td>
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</tr>
<tr>
<td>pH of Product</td>
<td>N/A</td>
</tr>
</tbody>
</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

<table>
<thead>
<tr>
<th>Test</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50 (Rat)</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Eye Effects (Rabbit)</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Skin Effects (Rabbit)</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Skin Sensitization (Guinea Pig)</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Respiratory Sensitization</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Additional Toxicity Data</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Supplemental Test Data</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Other Data</td>
<td>No data currently available</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL DATA

<table>
<thead>
<tr>
<th>Test</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD</td>
<td>No data currently available</td>
</tr>
<tr>
<td>COD</td>
<td>No data currently available</td>
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<tr>
<td>Aquatic Toxicity</td>
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<tr>
<td>Biodegradability</td>
<td>No data currently available</td>
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<tr>
<td>Persistence</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Sewage Treatment</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Other Data</td>
<td>No data currently available</td>
</tr>
<tr>
<td>Supplemental Test Data</td>
<td>No data currently available</td>
</tr>
</tbody>
</table>
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
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 WATERACT-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
16 SUPPLEMENTAL REGULATORY INFORMATION(SRI)

T.S.C.A---- IN COMPLIANCE
O.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: 01/20/2019

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 SUPERSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF SDS
SAFETY DATA SHEET

WashFast Red 366 and 367

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: WashFast Red 366

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/VAPOUR/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
PSOI DISPOSE OF CONTENTS AND CONTAINER IN ACCORDANCE WITH ALL LOCAL REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS

SECTION III: COMPOSITION INFORMATION

Chemical Name: AZO
100% PROPRIETARY DYE

SECTION IV: FIRST-AID MEASURES

Eye: 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. LAUNDRY CONTAMINATEO 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

<table>
<thead>
<tr>
<th>Flash Point and Method</th>
<th>N.A</th>
<th>Flammable Limits</th>
<th>LEL: N.A</th>
<th>UEL: N.A</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Fire Hazards Code</td>
<td>Key</td>
<td>HMIS Code.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEALTH</td>
<td>1</td>
<td>O-MINIMAL</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>FIRE</td>
<td>1</td>
<td>I-SLIGHT</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
<td>2-MODERATE</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>SPECIFIC</td>
<td>NA</td>
<td>3-SERIOUS</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4-SEVERE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

MINIMIZE 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 SIOE-SHIELO 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 STATION 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: RED
ODOR: SLIGHTLY AROMATIC
SOLUBILITY: COMPLETELY SOLUBLE IN WATER
pH: N.E.
MELTING POINT: NA
BOILING POINT: NA
FLASH POINT: N.E.
AUTO IGNITION TEMP: N.A.
DECOMPOSITION TEMP: NA
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 N.E.

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.

NOT A KNOWN MUTAGEN, CARCINOGEN, OR ASPIRATION HAZARD.
NOT KNOWN TO CAUSE REPRODUCTIVE TOXICITY.
SECTION XII: ECOLOGICAL INFORMATION

NOT ESTABLISHED

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 AICS PICCS ASIA-PAC NZIoC DSL
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 2001/5B/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 N.A. NOT APPLICABLE

Date of Last Revision: 9/21/15

REASON FOR UPDATE: FORMAT CHANGE
SAFETY DATA SHEET

WashFast Rhodamine Red 370 and 337

ISSUE DATE: 3/23/18

1. PRODUCT IDENTIFICATION

PRODUCT NAME .................. WASHFAST RHODAMINE RED 370
CHEMICAL FAMILY ............... XANTHENE
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: Health Category 2-Mutagen

Signal Word: Warning

Hazard Statements: H341: Suspected of Causing Genetic Defects
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
P284: Wear Respiratory Protection
P201: Obtain special instructions before use. 
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. 
P333 + P313  If skin irritation or rash 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. 
P342 + P311  If experiencing respiratory symptoms: Call a Poison Center or doctor/physician. 
P308 + P313  IF exposed or concerned: get medical advice / attention

3. COMPOSITION/INFORMATIONS ON INGREDIENTS

Proprietary Acid Dye  In vitro mutagen in animal tests

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 ..............CO2 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 CONTROLSIPERSONAL 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

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Color</td>
<td>Red</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>10 g/l at 30 deg C</td>
</tr>
<tr>
<td>Bulk density</td>
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</tr>
<tr>
<td>Relative density</td>
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</tr>
<tr>
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</tr>
<tr>
<td>pH</td>
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</tr>
<tr>
<td>Melting point/freezing point</td>
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</tr>
<tr>
<td>Partition coefficient: N-Octanol/water</td>
<td>ND</td>
</tr>
<tr>
<td>Boiling point</td>
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<tr>
<td>Vapor pressure</td>
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</tr>
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</tr>
<tr>
<td>Evaporation rate</td>
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</tr>
<tr>
<td>Flammability</td>
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</tr>
<tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Decomposition temperature</td>
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</tr>
<tr>
<td>UEL</td>
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<tr>
<td>LEL</td>
<td>NA</td>
</tr>
<tr>
<td>% Volatile</td>
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</tr>
</tbody>
</table>

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
Incompatible materials: None
Hazardous decomposition products: CO2, CO, Sulfur oxides, Nitrogen oxides
Conditions to avoid: Avoid dusting conditions and sparks/illame.
Reactivity: Will not occur
11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) .......... > 5000 mg/kg (RAT)
FISH, LC50 ........................................ 450 mg/l (48 hour, Rainbow trout)
EYE EFFECTS ........................................... NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS ........................................... NON-IRRITANT (RABBIT)
SENSITIZATION ......................................... NOT A SENSITIZER (RIPT- HUMANS)

PRIMARY ROUTE OF EXPOSURE

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

CARCINOGEN STATUS

IARC: NO          NTP: NO          OSHA: NO
HMIS: 100 E

CHRONIC EFFECTS OF OVEREXPOSURE
Contains Acid Red 052. Has been found to be mutagenic in hamster cell tests in vitro. The relevance to humans is not 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: 1389 mg/g
BACTERIA TOXICITY:  > 300 mg/l (Inhibition Activated sludge bacteria)
AOX: 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
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>Hazard</th>
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</tr>
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<tbody>
<tr>
<td>Immediate (acute) health hazard</td>
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</tr>
<tr>
<td>Delayed (chronic) health hazard</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Fire hazard</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Sudden Release of Pressure</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Reactivity</td>
<td>No</td>
<td></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: March 28, 2017
MSDS Revised: March 28, 2017
SAFETY DATA SHEET
WashFast Acid 399 Sangria

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME------- WashFast Acid Sangria 399
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 299
C. A. S. #            67674-28-6

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

VAPOR PRESSURE--N/A  ODOR--NONE
VAPOR DENSITY--N/A  APPEARANCE--POWDER
VOLATILITY----- N/A  SPECIFIC GRAV-- N/A
FREEZE POINT--- N/A  EVAP. RATE-- N/A
MELTING POINT---N/A  Ph OF PRODUCT—N/A
BOILING POINT--N/A
FLAMMABLE LIMITS--N/A

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: ECOCLOGICAL 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
OTHER DATA 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
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 SOCMC CHEMICAL (CAA)
15 STATE LISTS
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. 07/01/2015

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 SUPESEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.