

# WF Saffron 228

## Safety Data Sheet

according to Federal Register/ Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 012/6/2023

Version: 2.0

### SECTION 1: Identification

#### 1.1. Identification

Substance name WF Saffron 228

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : For industrial use only

#### 1.3. Supplier

PRO CHEMICAL & DYE  
 126 SHOVE STREET  
 FALL RIVER, MA 02724  
 PHONE: 508-676-3838

#### 1.4. Emergency telephone number

Emergency number 800-255-3924 ChemTel. (United States)  
 + 1 01 813-248-0585 (Outside the United States)

### SECTION 2: Hazard s identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Acute toxicity (oral), Category 4  
 Skin corrosion/irritation, Category 2  
 Serious eye damage/eye irritation, Category 2  
 Specific target organ toxicity Single exposure, Category 3, Respiratory tract irritation

H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

Full text of H statements: see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS US)



Signal word (GHS US)

Warning

Hazard statements (GHS US)

H302 - Harmful if swallowed.  
 H315 - Causes skin irritation.  
 H319 - Causes serious eye irritation.  
 H335 - May cause respiratory irritation.

Precautionary statements (GHS US)

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P301 +P312 -If swallowed: Call a poison center or doctor if you feel unwell.  
 P302+P352 -If on skin: Wash with plenty of water.  
 P304+P340 -If inhaled: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351 +P338 -IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 -Call a poison center or doctor if you feel unwell.  
 P321 - Specific treatment (see supplemental first aid instruction on this label).  
 P330 - Rinse mouth.  
 P332+P313 -If skin irritation occurs: Get medical advice/attention.  
 P337+P313 -If eye irritation persists: Get medical advice/attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Name	Product identifier	%	GHS US classification
WF Saffron 228 (main constituent)	Proprietary	100	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general	Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Rinse mouth. Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	May cause respiratory irritation.
Symptoms/effects after skin contact	Irritation.
Symptoms/effects after eye contact	Eye irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	Water spray. Dry powder. Foam.
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### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	Toxic fumes may be released.
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### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel	
Emergency procedures	Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
6.1.2. For emergency responders	
Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection"

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Mechanically recover the product.
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Other information	Dispose of materials or solid residues at an authorized site.
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### 6.4. Reference to other sections

For further information refer to section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

WF Saffron 228
No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls	Ensure good ventilation of the work station.
Environmental exposure controls	Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

Hand protection:	
Protective gloves	
Eye protection:	
Safety glasses	
Skin and body protection:	
Wear suitable protective clothing	
Respiratory protection:	
In case of insufficient ventilation, wear suitable respiratory equipment	
Personal protective equipment symbol(s):	



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid
Color	No data available
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	Not applicable
Boiling point	No data available
Flash point	Not applicable

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Relative evaporation rate (butylacetate=1)	No data available
Flammability (solid, gas)	Non flammable.
Vapor pressure	No data available
Relative vapor density at 20 °C	No data available
Relative density	No data available
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive limits	Not applicable
Explosive properties	No data available
Oxidizing properties	No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	Harmful if swallowed.	
Acute toxicity (dermal)	Not classified	
Acute toxicity (inhalation)	Not classified	
<b>WF Saffron 228</b>		
LD50 oral rat		>2000
ATE US (oral)		500 mg/kg bodyweight
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/irritation	Causes serious eye irritation.	
Respiratory or skin sensitization	Not classified	
Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
STOT-single exposure	May cause respiratory irritation.	
STOT-repeated exposure	Not classified	
Aspiration hazard	Not classified	
Viscosity, kinematic	No data available	
12/6/2023	EN (English)	

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Symptoms/effects after inhalation	May cause respiratory irritation.
Symptoms/effects after skin contact	Irritation.
Symptoms/effects after eye contact	Eye irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
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### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not applicable

#### Transportation of Dangerous Goods

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

WF Saffron 228	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Health hazard - Acute toxicity (any route of exposure)

All components of this product are listed as Active, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### National regulations

No additional information available

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### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

according to Federal Register/ Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-statements:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

SDS US (GHS HazCom 2012)

*While the data and information obtained herein are presented in good faith and believed to be accurate, it is provided for your guidance only and it is the user's obligation to determine the conditions of safe use of the product. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products or information may be used without infringing the intellectual property rights of others. In no case shall the information or data provided be considered a part of our terms and conditions of sales. Further, you expressly understand and agree that the data and information furnished by this company hereunder are given gratis and this company assumes no obligation or liability for the data and information given or results obtained all such being given and accepted at your risk. END OF SAFETY DATA SHEET*

1.

## SAFETY DATA SHEET

### WashFast Orange Peel 232

PRINT DATE: 4/5/21

#### 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... WASHFAST ORANGE PEEL 232  
CHEMICAL FAMILY ..... DIAZO  
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 3-Skin Irritant  
Health Category 5-Oral Toxicity

Pictogram: NONE

Signal Word: Warning

Hazard Statements: H316: Causes Mild Skin Irritation  
H303: May be Harmful if Swallowed

Precautionary Statements:

P264: Wash face, hands, and any exposed skin thoroughly after handling.  
P280: Wear protective gloves/ protective clothing/eye protection/face protection  
P270: Do not eat, drink, or smoke when using this product.  
P260: Do not breathe dust/fume/gas/mist/vapors/spray  
P273: Avoid release to the environment  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water for 15 minutes.  
p332 + P313 If skin irritation occurs: Get medical advice/attention.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Proprietary Diazo Dye

May be harmful if swallowed. Skin irritant.

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**

APPEARANCE ..... POWDER  
COLOR ..... ORANGE  
ODOR ..... NONE  
ODOR THRESHOLD ..... NA  
SOLUBILITY IN WATER ..... 40 - 45 g/l at 90 deg C  
BULK DENSITY ..... ND  
RELATIVE DENSITY ..... NA  
VISCOSITY ..... NA  
pH ..... 9 - 10 @ 10 g/l at 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  
AUTO-IGNITION TEMP ..... NA  
DECOMPOSITION TEMPERATURE.... ND  
UEL. .... NA  
LEL ..... NA  
% VOLATILE:                      VALUE: ND                      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  
INCOMPATIBLE MATERIALS: None  
HAZARDOUS DECOMPOSITION PRODUCTS ..... CO<sub>2</sub>, 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) ..... >2000 mg/kg (RAT)  
FISH, LC50 ..... > 9000 mg/l 48 HR (POECILIA RETICULATA P)  
EYE EFFECTS ..... NON IRRITANT (RABBIT EYE)  
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	NTP:	NO	OSHA:	NO
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HMIS: 100E

### 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.

## **12. ECOLOGICAL INFORMATION**

BIODEGRADABILITY: 10%  
BACTERIA TOXICITY: ND  
COD: 1560 mg/g  
AOX: 0.000 %

## **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 19<sup>th</sup> 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 24, 2017

Revised: April 5, 2021

# SAFETY DATA SHEET

## WashFast 233, 229, 230, 231, 234, and 235

ISSUE DATE: 2/8/21

### 1. PRODUCT IDENTIFICATION

PRODUCT NAME ..... WASHFAST BRIGHT ORANGE 233  
CHEMICAL FAMILY ..... DIAZO  
T.S.C.A. STATUS ..... IN 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/INFORMATION ON INGREDIENTS**

Proprietary Diazo Dye

Toxic to Aquatic Organisms

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. Scrub spilled area with detergent, flush with copious amount of water. 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 ..... ORANGE

ODOR ..... NONE

ODOR THRESHOLD ..... NA

SOLUBILITY IN WATER ..... 150 g/l @ 90C

BULK DENSITY ..... ND

RELATIVE DENSITY ..... NA

VISCOSITY ..... NA

pH ..... 8.7 @80g/l 20C

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: ND

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

INCOMPATIBLE MATERIALS: None

HAZARDOUS DECOMPOSITION PRODUCTS .....CO<sub>2</sub>, 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/1 (Rat)

FISH, LC50 ..... > 10 mg/1 (96 hour Brachydanio rerio)

EYE EFFECTS ..... NON-IRRITANT (RABBIT EYE)

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	ACGIH:	NO
-------	----	------	----	-------	----	--------	----

HMIS: 110 E

### CRONIC 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 (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.

SARA 312:	Immediate (acute) health hazard	Yes
	Delayed (chronic) health hazard	Yes
	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 19<sup>th</sup> 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 21, 2017

MSDS Revised: February 8, 2021

# SAFETY DATA SHEET

## Terra Cotta WF236 and Brick WF255

### SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME----- WashFast Acid WF 236 and WF 255

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, CO<sub>2</sub>, 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: 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
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 SOCM I CHEMICAL (CAA)
- 15 STATE LISTS
- CA-CALIFORNIA PROPOSITION 65, DE-DELAWARE, ID-IDAHO, ME-MAINE, MA-MASSACHUSETTS, MI-MICHIGAN, MN-MINNESOTA, NJ-RTK NEW JERSEY HAZARDOUS SUBSTANCE LIST, NJ-TCPA 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

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

<b>SECTION 16: OTHER INFORMATION</b>
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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 SUPSEDES ANY PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID AND INAPPLICABLE.

END OF MSDS.