

SECTION 1 IDENTIFICATION OF SUBSTANCE/MIXTURE


PRODUCT NAME WASHFAST 228
 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)

Recommended Use of the Chemical and Restrictions on Use: For Industrial use only.

SECTION 2

HAZARDS IDENTIFICATION

GHS Pictogram(s)		Acute Toxicity 5 H303 May be harmful if swallowed Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2A H319 Causes serious eye irritation. STOT SE 3 H335 May cause respiratory irritation.
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Signal Word: **WARNING**

Hazard Statements:	H303 May be harmful if swallowed H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation
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Precautionary Statements:	P261 Avoid breathing dust. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves. P280 Wear eye protection / face protection. 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/doctor if you feel unwell. P321 Specific treatment (see on this label). 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 in accordance with local/regional/national/international regulations
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Other Hazards Which do not Result in Classification	In the case of dusty organic products the possibility of dust explosion should always be considered.
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SECTION 3

COMPOSITION, INFORMATION ON INGREDIENTS

<u>Component(s)</u>	CAS	%
WashFast Yellow 119	Proprietary	Proprietary

The chemical identity of some or all components present is confidential business information (Trade Secret) and is being withheld as permitted by 29CFR1919.1200 (i)

SECTION 4

FIRST AID MEASURES

Inhalation:	Remove person to fresh air immediately while getting immediate medical attention. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing) if needed.
Skin :	Immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek immediate medical attention.
Ingestion:	Never give anything by mouth or induce vomiting to an unconscious or convulsing person. Have victim drink plenty of water for dilution effect. Do NOT induce vomiting without medical advice. Seek immediate medical attention.
Eye:	Flush eyes with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains at least 15 - 20 minutes. Get immediate medical attention.

Most Important Symptoms and Effects Both Acute and Delayed: See Section 2 and/or Section 11.

Indication of any Immediate Medical Attention and Special Treatment Needed: People with chronic respiratory problems should not work with dyestuff powders. If symptoms such as tightness in the chest or asthma occur while handling dyestuff powders, a physician should be consulted as soon as possible. If hypersensitivity is confirmed, all contact with dyestuff powders should cease immediately.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media:	Water spray, alcohol resistant foam or dry chemical.
Unsuitable Extinguishing Media:	CO ₂ and high volume water jet as this may scatter and spread fire.
Special Protective Equipment and Precautions for Firefighters:	Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool fire exposed containers. Move containers from fire area if you can do so without risk. Avoid inhalation of material or combustion by products. Stay upwind stay out of low areas.
Specific Hazards Arising from the Chemical:	Like most materials in powder form, powder may be capable of creating dust explosions. Observe the usual precautionary measures required for chemicals with dust explosive properties. Decomposition can produce toxic and irritating fumes and gases of Cox, NOx, and SOx.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Personal Precautions
Protective Equipment and
Emergency Procedures: Keep unnecessary and unprotected people away from area of spill. Cleanup personnel should wear appropriate protective clothing and equipment. Ensure proper ventilation spill site. Avoid formation and deposition of dust. Avoid inhalation of dust, vapors, mist and gas.

Environmental Precautions: Do not let spilled material enter floor drains, sewers or water sources or the environment.

Methods and Materials for
Containment and Cleaning-
up: Ensure proper ventilation. Collect spilled material, avoid generation and deposition of dust, and place in an appropriate waste disposal container. After clean-up is complete wash spill site. Do not allow material to enter floor drains, sewers or water sources of any kind.

SECTION 7

HANDLING AND STORAGE

Precautions for Safe
Handling: Use in a well ventilated area. Use necessary PPE's to prevent exposure by any route. Avoid inhalation and contact with skin and eyes. Keep container tightly closed. Keep away from food and drinks. Do not eat, drink or smoke at work. Wash hands before breaks and at the end of workday. Good personal hygiene is a must. Eyewash fountain and quick drench shower should be available in the immediate work area.

Conditions for Safe Storage
Including Incompatibilities: Store in a cool, dry, well-ventilated place away from oxidizing and reducing agents. Keep container tightly closed. Store locked up. In filling operations take precautionary measures against static discharges. Avoid generation and deposition of dust.

SECTION 8

EXPOSURE CONTROLS PERSONAL PROTECTION

Exposure Limits: In accordance with good industrial hygiene and safety practices. OSHA PEL Nuisance dust, Total dusts 15 mg/m³; ACGIH TLV: Particles not otherwise classified 10 mg/m³

Ventilation: Ensure proper ventilation, local exhaust recommended. Ventilation equipment should be explosion proof.

Eye
Protection: Chemical safety goggles with side shields or tight fitting goggles.

Respiration: If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR 191 0.134.

Clothing: Appropriate protective clothing, gloves, lab coat, apron or coveralls to prevent any contact.

NOTE: Eyewash fountain and quick drench shower should be available in the immediate work area.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow Powder
Odor / Odor threshold:	Odorless.
pH:	6.0 - 7.0 (10 g/L @ 20 deg C).
Evaporation Rate:	Not available.
Boiling Point/Range:	Not available.
Melting / Freezing Point:	Not available.
Vapor Pressure:	Not available.
Relative Density:	Not available.

Vapor Density: Not available.
 Partition Coefficient n-octanol / water: Not available.
 Solubility(ies): Water - Soluble.
 Flammability(solid, gas): Not available. UEL: Not available. LEL: Not available.
 Flash Point: Not available.
 Autoignition Temperature: Not available.
 Decomposition Temperature: Not available.
 Viscosity: Not available.

SECTION 10

STABILITY AND REACTIVITY

Reactivity: Will not polymerize.
 Chemical Stability: Stable under proper conditions of storage and use.
 Possibility of Hazardous Reactions: In the case of dusty organic products the possibility of dust explosion should always be considered.
 Hazardous Decomposition Products: May include but are not limited to oxides of carbon, nitrogen and sulfur.
 Incompatible Materials: Keep away from oxidizing and reducing agents.
 Conditions to Avoid: Avoid humidity, and excessive temperatures. Avoid generation and deposition of dust.

SECTION 11

TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation:Yes Skin Absorption:No Ingestion:No Skin:Yes Eye:Yes

Toxicity Data ANIMAL TOXICITY ORAL – LD50 (INGESTION) ..> 2000 mg/kg (Rat)

Toxicity: **Acute:** Causes skin irritation. Causes serious eye irritation. Inhalation may result in respiratory irritation. Ingestion may cause gastric disturbances.
 Acute and Chronic: **Chronic:** To the best of our knowledge there are no known chronic effects associated with this material.

Symptoms of Overexposure: Skin sensitization may include one or more of the following: redness, swelling, itching, rash and hives. Respiratory sensitization can range from runny nose, cough and irritated eyes to asthmatic symptoms. Individuals who have shown an allergic reaction to this product must not continue to be exposed. Physiologic effects may progress to shock, cardiovascular collapse and death.

Sensitization: Repeated exposure to high dust concentration of some dyestuffs may cause respiratory hypersensitivity .

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure: Although respiratory sensitization has not been observed with this product, dyestuffs are known to have caused this in certain people. NIOSH approved respirators should be used by workers who may be exposed to dust or aerosols containing dyes.

Carcinogen Status: IARC: No NTP: No OSHA: No

NOTE: Persons with any pre-existing skin, eye or respiratory conditions may be more susceptible to the effects of this product.

SECTION 12

ECOLOGICAL INFORMATION

Eco-toxicity: Not available.

Persistence and
Degradability: Not available.

Soil Mobility: Not available.

Bio-Accumulative Potential: Not available.

Other Adverse Effects: Not available.

SECTION 13

DISPOSAL CONSIDERATIONS

Disposal: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Un-Cleaned Packaging: Soiled empty containers are to be treated in the same way as the contents.

SECTION 14

TRANSPORTATION INFORMATION

D.O.T.: Not Regulated.

I.A.T.A.: Not Regulated.

Marine Pollutant: No

I.M.D.G.: Not Regulated.

SECTION 15

REGULATORY INFORMATION

TSCA Inventory Status: Listed.

SECTION 16 OTHER INFORMATION

Date Prepared: January 24, 2017 GHS Formatting

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

SAFETY DATA SHEET

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

ISSUE DATE: 4/12/17

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/INFORMATIONS 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 POINTNot Applicable

EXTINGUISHING MEDIACO2 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 INFORMATIONAvoid 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 NO

RELATIVE DENSITY NA

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

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: In the case of dusty organic products the possibility of a dust explosion should always be considered.

CHEMICAL STABILITY Stable
INCOMPATIBLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID Avoid dusting conditions and sparks/flame.
REACTIVITY Will not occur

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION) > 5000 mg/l (Rat)
FISH, LC50 > 10 mg/l (96 hour Brachydanio rerio)
EYE EFFECTSNON-IRRITANT (RABBIT EYE)
SKIN EFFECTSNON-IRRITANT (RABBIT)
SENSITIZATIONNOT 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
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HMIS: 1 1 0 E

CHRONIC EFFECTS OF OVEREXPOSURE

None Known

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY: ND
BACTERIA TOXICITY: ND

13. DISPOSAL CONSIDERATIONS

PRODUCT: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.

UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL

D.O.T. HAZARD CLASSIFICATION: NOT REGULATED

FRT. CLASS PACKAGE: 55

IATA (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 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 21, 2017

MSDS Revised: March 21, 2017

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, 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: 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 SOCFI 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

SECTION 16: OTHER INFORMATION

LAST REVISION DATE. 01/20/2014

HMIS RATINGS: HEALTH: 1 Flammability: 1 Physical Hazard: 0

PERSONAL PROTECTION: F

DISCLAIMER:

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

END OF MSDS.