

Testfabrics, Inc.

Testfabrics, Inc.
415 Delaware Avenue
West Pittston, Pennsylvania 18643 USA
Phone: 570-603-0432
Fax: 570-603-0433
Email: testfabric@aol.com
Web: www.testfabrics.com

MATERIAL SAFETY DATA SHEET TEXTILE IDENTIFICATION STAIN #1

SECTION I:

MANUFACTURER'S NAME AND ADDRESS:

TESTFABRICS, INC.	
415 DELAWARE AVENUE	570-603-0432
WEST PITSTON, PA. 18643	570-603-0433(FAX)

CHEMICAL NAME: DIRECT BLUE 1
CHEMICAL FAMILY: DIAZO

TRADE NAME: DIRECT BRILLIANT BLUE FF

SECTION II: HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS % TLV units

- | | |
|--------------|----|
| 1. PIGMENTS | |
| 2. CATALYST | |
| 3. VEHICLE | NA |
| 4. SOLVENTS | |
| 5. ADDITIVES | |
| 6. OTHERS | |

ALLOYS AND PROTECTIVE COATINGS % TLV units

- | | |
|----------------------|----|
| 1. BASE METAL | |
| 2. ALLOYS | |
| 3. METALLIC COATINGS | NA |
| 4. FILLER MATERIAL | |
| 5. OTHERS | |

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES % TLV units NA

SECTION III: PHYSICAL DATA

BOILING POINT (DEGREE F*):	NA
VAPOR PRESSURE (mmHg):	NA
VAPOR DENSITY (AIR=1):	NA
SOLUBILITY IN WATER:	<10%
APPEARANCE AND ODOR:	DARK BLUE POWDER/ ODORLESS
SPECIFIC GRAVITY:	>1
PERCENT, VOLATILE BY VOLUME:	<2% AS WATER
EVAPORATION RATE:	NOT VOLATILE

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: NOT FLAMMABLE
EXTINGUISHING MEDIA: USE MEDIA PROPER TO PRIMARY CAUSE OF FIRE
DRY CHEMICALS, CARBON DIOXIDE, WATER
SPECIAL FIRE FIGHTING PROCEDURES: AIR PACK RECOMMENDED DUE TO DUSTING
UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID FIRE OR OPEN FLAME

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED
EFFECTS OF OVEREXPOSURE: NON IRRITANT, NON SENSITIZER
EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT-WASH WITH SOAP
AND WATER
EYE CONTACT- FLUSH EYES WITH WATER
FOR MINIMUM 15 MINUTES
GET MEDICAL ATTENTION

SECTION VI: REACTIVITY DATA

STABILITY: unstable
Stable X
INCOMPATIBILITY (materials to avoid contact with): STRONG OXIDIZING OR REDUCING
AGENTS

HAZARDOUS POLYMERIZATION: may occur
Will not occur X

SECTION VII: SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
SMALL SPILLS OR LEAKS---SWEEP UP PROMPTLY, WEAR AN APPROVED
RESPIRATOR, WASH AREA WITH WATER
LARGE SPILLS OR LEAKS---SWEEP UP PROMPTLY, WEAR APPROVED
RESPIRATOR, WASH AREA WITH WATER
WASTE DISPOSAL METHOD: WITH PLANT WASTE, BURY OR INCINERATE IN
ACCORDANCE WITH STATE AND FEDERAL
REGULATIONS

SECTION VIII: SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION: USE AN APPROVED RESPIRATOR
VENTILATION: LOCAL EXHAUST: preferable
MECHANICAL: acceptable
PROTECTIVE GLOVES: RUBBER/PLASTIC GLOVES
EYE PROTECTION: SAFETY GOGGLES
OTHER PROTECTIVE EQUIPMENT: RUBBER APRON OR OTHER PROTECTIVE
CLOTHING, SAFETY SHOWER & EYE BATH

SECTION IX: SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: HANDLE WITH CARE.
AVOID PERSONAL CONTACT. FOLLOW NORMAL SAFETY PROCEDURES WHEN
HANDLING ANY DUSTABLE COMPONENT

CHEMICAL NAME: ACID RED 87

TRADE NAME: ACID EOSINE

CHEMICAL FAMILY: XANTHATE

SECTION II: HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS % TLV units

7. PIGMENTS

8. CATALYST

9. VEHICLE

NA

10. SOLVENTS

11. ADDITIVES

12. OTHERS

ALLOYS AND PROTECTIVE COATINGS % TLV units

6. BASE METAL

7. ALLOYS

8. METALLIC COATINGS

NA

9. FILLER MATERIAL

10. OTHERS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES % TLV unit NA

SECTION III: PHYSICAL DATA

BOILING POINT (DEGREE F*): NA

VAPOR PRESSURE (mmHg): NA

VAPOR DENSITY (AIR=1): NA

SOLUBILITY IN WATER: MODERATE

APPEARANCE AND ODOR: DARK RED POWDER/ ODORLESS

SPECIFIC GRAVITY: 1

PERCENT, VOLATILE BY VOLUME NOT VOLATILE

EVAPORATION RATE: NOT VOLATILE

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: NOT FLAMMABLE

EXTINGUISHING MEDIA: USE MEDIA PROPER TO PRIMARY CAUSE OF FIRE
DRY CHEMICALS, CARBON DIOXIDE, WATER

SPECIAL FIRE FIGHTING PROCEDURES: AIR PACK RECOMMENDED DUE TO DUSTING

UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID FIRE OR OPEN FLAME

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED

EFFECTS OF OVEREXPOSURE: MAY CAUSE IRRITATION TO SKIN, EYES, NOSE, AND
THROAT; LOW TOXICITY

EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT-WASH WITH SOAP
AND WATER

EYE CONTACT- FLUSH EYES WITH WATER
FOR MINIMUM 15 MINUTES
GET MEDICAL ATTENTION

SECTION VI: REACTIVITY DATA

STABILITY: unstable

Stable X

INCOMPATIBILITY (materials to avoid contact with): NONE KNOWN

HAZARDOUS POLYMERIZATION: may occur

Will not occur X

SECTION VII: SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS OR LEAKS---SWEEP UP PROMPTLY, WEAR AN APPROVED
RESPIRATOR, WASH AREA WITH WATER
LARGE SPILLS OR LEAKS---SWEEP UP PROMPTLY, WEAR APPROVED
RESPIRATOR, WASH AREA WITH WATER
WASTE DISPOSAL METHOD: WITH PLANT WASTE, BURY OR INCINERATE IN
ACCORDANCE WITH STATE AND FEDERAL
REGULATIONS

SECTION VIII: SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION: USE AN APPROVED RESPIRATOR/ NUISANCE DUSTS
VENTILATION: LOCAL EXHAUST: preferable
MECHANICAL: acceptable
PROTECTIVE GLOVES: RUBBER/PLASTIC GLOVES
EYE PROTECTION: SAFETY GOGGLES
OTHER PROTECTIVE EQUIPMENT: RUBBER APRON OR OTHER PROTECTIVE
CLOTHING, SAFETY SHOWER & EYE BATH

SECTION IX: SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: HANDLE WITH CARE.
AVOID PERSONAL CONTACT. FOLLOW NORMAL SAFETY PROCEDURES WHEN
HANDLING ANY DUSTABLE COMPONENT

CHEMICAL NAME: ACID VIOLET 49 TRADE NAME: ACID VIOLET 3B
CHEMICAL FAMILY: TRI-PHENYL METRANE

SECTION II: HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS % TLV units

- 13. PIGMENTS
- 14. CATALYST
- 15. VEHICLE
- 16. SOLVENTS
- 17. ADDITIVES
- 18. OTHERS

NA

ALLOYS AND PROTECTIVE COATINGS % TLV units

- 11. BASE METAL
- 12. ALLOYS
- 13. METALLIC COATINGS
- 14. FILLER MATERIAL
- 15. OTHERS

NA

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES % TLV units

NA

SECTION III: PHYSICAL DATA

BOILING POINT (DEGREE F*): NA
VAPOR PRESSURE (mmHg): NA
VAPOR DENSITY (AIR=1): NA
SOLUBILITY IN WATER: MODERATE
APPEARANCE AND ODOR: DARK VIOLET POWDER/ ODORLESS
SPECIFIC GRAVITY: >1
PERCENT, VOLATILE BY VOLUME: <3% AS WATER
EVAPORATION RATE: NOT VOLATILE

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: NOT FLAMMABLE
EXTINGUISHING MEDIA: USE MEDIA PROPER TO PRIMARY CAUSE OF FIRE
DRY CHEMICALS, CARBON DIOXIDE, WATER
SPECIAL FIRE FIGHTING PROCEDURES: AIR PACK RECOMMENDED DUE TO DUSTING
UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID FIRE OR OPEN FLAME

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED
EFFECTS OF OVEREXPOSURE: MAY CAUSE IRRITATION TO SKIN, EYES, NOSE, AND
THROAT
EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT-WASH WITH SOAP
AND WATER
EYE CONTACT- FLUSH EYES WITH WATER
FOR MINIMUM 15 MINUTES
GET MEDICAL ATTENTION

SECTION VI: REACTIVITY DATA

STABILITY: unstable
Stable X
INCOMPATIBILITY (materials to avoid contact with): STRONG OXIDIZING OR REDUCING
AGENTS

HAZARDOUS POLYMERIZATION: may occur
Will not occur X

SECTION VII: SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
SMALL SPILLS OR LEAKS---SWEEP UP PROMPTLY, WEAR AN APPROVED
RESPIRATOR, WASH AREA WITH WATER
LARGE SPILLS OR LEAKS---SWEEP UP PROMPTLY, WEAR APPROVED
RESPIRATOR, WASH AREA WITH WATER
WASTE DISPOSAL METHOD: WITH PLANT WASTE, BURY OR INCINERATE IN
ACCORDANCE WITH STATE AND FEDERAL
REGULATIONS

SECTION VIII: SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION: USE AN APPROVED RESPIRATOR
VENTILATION: LOCAL EXHAUST: preferable
MECHANICAL: acceptable
PROTECTIVE GLOVES: RUBBER/PLASTIC GLOVES
EYE PROTECTION: SAFETY GOGGLES
OTHER PROTECTIVE EQUIPMENT: RUBBER APRON OR OTHER PROTECTIVE
CLOTHING, SAFETY SHOWER & EYE BATH

SECTION IX: SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: HANDLE WITH CARE.
AVOID PERSONAL CONTACT. FOLLOW NORMAL SAFETY PROCEDURES WHEN
HANDLING ANY DUSTABLE COMPONENT

CHEMICAL NAME: DIRECT YELLOW 11 TRADE NAME: DIRECT YELLOW G SUPRA
CHEMICAL FAMILY: DIAZO

SECTION II: HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS % TLV units

19. PIGMENTS

20. CATALYST

21. VEHICLE NA

22. SOLVENTS

23. ADDITIVES

24. OTHERS

ALLOYS AND PROTECTIVE COATINGS % TLV units

16. BASE METAL

17. ALLOYS

18. METALLIC COATINGS NA

19. FILLER MATERIAL

20. OTHERS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES % TLV units NA

SECTION III: PHYSICAL DATA

BOILING POINT (DEGREE F*): NA

VAPOR PRESSURE (mmHg): NA

VAPOR DENSITY (AIR=1): NA

SOLUBILITY IN WATER: MODERATE

APPEARANCE AND ODOR: YELLOW POWDER/ ODORLESS

SPECIFIC GRAVITY: 1

PERCENT, VOLATILE BY VOLUME NOT VOLATILE

EVAPORATION RATE: NOT VOLATILE

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: NOT FLAMMABLE

EXTINGUISHING MEDIA: USE MEDIA PROPER TO PRIMARY CAUSE OF FIRE
DRY CHEMICALS, CARBON DIOXIDE, WATER

SPECIAL FIRE FIGHTING PROCEDURES: AIR PACK RECOMMENDED DUE TO DUSTING

UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID FIRE OR OPEN FLAME

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED

EFFECTS OF OVEREXPOSURE: MAY CAUSE IRRITATION TO SKIN, EYES, NOSE, AND
THROAT

EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT-WASH WITH SOAP
AND WATER

EYE CONTACT- FLUSH EYES WITH WATER
FOR MINIMUM 15 MINUTES
GET MEDICAL ATTENTION

SECTION VI: REACTIVITY DATA

STABILITY: unstable

Stable X

INCOMPATIBILITY (materials to avoid contact with): STRONG OXIDIZING OR REDUCING
AGENTS

HAZARDOUS POLYMERIZATION: may occur
Will not occur X

SECTION VII: SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS OR LEAKS---SWEEP UP PROMPTLY, WEAR AN APPROVED RESPIRATOR

WASTE DISPOSAL METHOD: WITH PLANT WASTE, BURY OR INCINERATE

SECTION VIII: SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION: USE AN APPROVED RESPIRATOR

VENTILATION: LOCAL EXHAUST: preferable

MECHANICAL: acceptable

PROTECTIVE GLOVES: RUBBER/PLASTIC GLOVES

EYE PROTECTION: SAFETY GOGGLES

OTHER PROTECTIVE EQUIPMENT: RUBBER APRON OR OTHER PROTECTIVE CLOTHING, SAFETY SHOWER & EYE BATH

SECTION IX: SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: HANDLE WITH CARE.

AVOID PERSONAL CONTACT. FOLLOW NORMAL SAFETY PROCEDURES WHEN

HANDLING ANY DUSTABLE COMPONENT

CHEMICAL NAME: DISPERSE YELLOW 3

TRADE NAME: ACETATE YELLOW G

CHEMICAL FAMILY: DISPERSANT

SECTION II: HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV units
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25. PIGMENTS

26. CATALYST

27. VEHICLE

28. SOLVENTS

29. ADDITIVES

30. OTHERS

[illegible]

21. BASE METAL

22. ALLOYS

23. METALLIC COATINGS

24. FILLER MATERIAL

25. OTHERS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV units
1. Acetone	10	100
2. Benzene	1	100
3. Carbon tetrachloride	1	100
4. Chloroform	1	100
5. Ethyl alcohol	10	100
6. Methyl alcohol	1	100
7. Nitrobenzene	1	100
8. Toluene	10	100
9. Xylene	10	100
10. Other liquids, solids, or gases	10	100

NA

SECTION III: PHYSICAL DATA

BOILING POINT (DEGREE F*): NA

VAPOR PRESSURE (mmHg): NA

VAPOR DENSITY (AIR=1): NA

SOLUBILITY IN WATER: APPRECIABLE

APPEARANCE AND ODOR: YELLOW POWDER/ NO ODOR

SPECIFIC GRAVITY: 1

PERCENT, VOLATILE BY VOLUME	NOT VOLATILE
100	0
90	10
80	20
70	30
60	40
50	50
40	60
30	70
20	80
10	90
0	100

EVAPORATION RATE: NOT VOLATILE

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: NOT FLAMMABLE
EXTINGUISHING MEDIA: USE MEDIA PROPER TO PRIMARY CAUSE OF FIRE
DRY CHEMICALS, CARBON DIOXIDE, WATER
SPECIAL FIRE FIGHTING PROCEDURES: AIR PACK RECOMMENDED
UNUSUAL FIRE AND EXPLOSION HAZARDS: AVOID FIRE OR OPEN FLAME, DUE TO
DUSTING

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED
EFFECTS OF OVEREXPOSURE: MAY CAUSE IRRITATION TO SKIN, EYES, NOSE, AND
THROAT; POSSIBLY PROMOTES DERMATITIS
EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT-WASH WITH SOAP
AND WATER
EYE CONTACT- FLUSH EYES WITH WATER
FOR MINIMUM 15 MINUTES
GET MEDICAL ATTENTION

SECTION VI: REACTIVITY DATA

STABILITY: unstable
Stable X
INCOMPATIBILITY (materials to avoid contact with): NA
HAZARDOUS POLYMERIZATION: may occur
Will not occur X

SECTION VII: SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
SMALL SPILLS OR LEAKS---MECHANICALLY REMOVE, WEAR AN APPROVED
RESPIRATOR
WASTE DISPOSAL METHOD: SANITARY LAND FILL IN ACCORDANCE WITH LOCAL
AND FEDERAL REGULATIONS

SECTION VIII: SPECIAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION: USE AN APPROVED RESPIRATOR
VENTILATION: LOCAL EXHAUST: preferable
MECHANICAL: acceptable
PROTECTIVE GLOVES: RUBBER GLOVES
EYE PROTECTION: SAFETY GOGGLES
OTHER PROTECTIVE EQUIPMENT: RUBBER APRON OR PROTECTIVE CLOTHING
SAFETY SHOWER AND EYE BATH

SECTION IX: SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: HANDLE WITH CARE.
AVOID PERSONAL CONTACT. DO NOT TAKE INTERNALLY. FOLLOW NORMAL
SAFETY PROCEDURES WHEN HANDLING ANY DUSTABLE COMPONENT.

Provided in conjunction with Empire Dyestuffs Corp, NY,NY.