ENG SCIENTIFIC, INC.
a.k.a. A.J.P. Scientific, Inc.
82 Industrial St East
Clifton, New Jersey, USA 07012-1708

SAFETY DATA SHEET (SDS)

#1 - IDENTIFICATION
Product Identifier – Wright Quick Stain Kit (Solution I - Stain)
Product Code – 4000, 4010, 4220
Synonyms - Wright Stain
Recommended use - Professional, scientific and medical-technical activities
Recommended restrictions - None known
Manufacturer:
Company Name - ENG Scientific, Inc. (a.k.a. A.J.P Scientific, Inc.)
82 Industrial St East
Clifton, New Jersey USA 07012-1708
Telephone - Telephone (973) 472 - 7200
Toll Free (800) 922 - 0223
Fax (973) 472 – 9460
Website www.engscientific.com
E-mail engscientific@aol.com
Emergency Contact Chemtrec (800) 424-9300

#2 - Hazard(s) Identification
Physical hazards Flammable liquid Category 3
Health hazard Category 2
Label elements



Signal word Flammable, Toxic, Health Hazard, Irritant
Hazard statement Flammable liquid
Precautions Keep away from heat/open flames/hot surfaces
Storage Store at room temperature
Supplemental info Avoid release to the environment
Disposal Dispose of contents-according to local regulations

NFPA Rating - HEALTH: 2
- FLAMMABILITY: 3
- REACTIVITY: 0

#3 – Composition
Chemical name: Methanol CAS # 67-56-1
Wright Stain CAS # 68988-92-1

#4 – First-aid measures
Inhalation: Remove to fresh air.
Eye contact: Remove contact lenses if worn. In case of contact,
immediately flush eyes with plenty of clean running water for at least 15 minutes, lifting the upper and lower eyelids occasionally. Obtain medical attention.
Skin contact: Wash skin and clothing with soap and water.
Swallowing: Swallowing methanol is potentially life threatening. Onset of symptoms may be delayed for 18 to 24 hours. Do not induce vomiting.

#5 – Fire-fighting measures

Extinguishing media: Use water spray, carbon dioxide, dry chemical, alcohol-type, or universal type foams applied by manufacturer's recommended technique.

Special fire fighting procedures: Methanol burns with a clean clear flame that is almost invisible in daylight. Closed containers may rupture violently and suddenly release methanol when exposed to fire or excessive heat for a sufficient period of time. Vapors are slightly heavier than air and may travel long distances toward sources of ignition.

#6 – Accidental release measures

Steps to be taken in case material is released or spilled: Extinguish all sources of ignition; ventilate the area; flood or flush the area with water. Prevent spilled methanol from entering sewers, confined spaces, drains, or waterways. Put material in suitable, covered, labeled containers. Flush area with water.

#7 – Handling and storage

Handling: No smoking or open flame in storage, use or handling areas. Use explosion proof electrical equipment. Ensure proper grounding procedures are in place.

Storage: Store at room temperature and in a tightly closed container.

#8 – Exposure controls/personal protection

Respiratory protection: NOISH - approved respirator.

Ventilation: General (mechanical) room ventilation recommended. Special local ventilation also recommended.

Protective gloves: Impermeable.

Eye protection: Chemical splash goggles or face shield.

Other protective equipment: Lab coat. Eye bath, safety shower.

#9 – Physical and chemical properties

Appearance: Dark purple liquid.

Odor: Mild characteristic alcohol odor. **Boiling point**: 64.7^0C

Specific gravity: (H_2O = 1) 0.791 @ 20^0C

Vapor density: (air = 1) 1.105 **Solubility in H_20** = Complete **Freezing point**: -97.8^0C **Evaporation Rate** = 5.8

Flash point: 52^0F, Tag Closed Cup ASTM D 56

(test methods) 58^0F, Tag Open Cup ASTM D 1310

#10 – Stability and reactivity

Stability: Stable as supplied.

Incompatibility: Avoid contact with strong oxidizers, strong mineral or organic acids, and strong bases. May be corrosive to lead, aluminum, magnesium, and platinum.

Conditions to avoid: Avoid contact with sparks, heat, open flame, or ignition sources.

Hazardous polymerization: Will not occur.

#11 - Toxicology information

Route of Exposure - Inhalation

Prolonged inhalation of vapors causes dizziness, nausea, visual impairment, respiratory failure, muscular non-coordination and narcosis. Inhalation of high concentrations for prolonged periods has resulted in death. Liver damage has resulted from prolonged or repeated inhalation of vapors.

Route of Exposure - Skin

Essentially non-irritating. Repeated or prolonged contact causes drying, brittleness, cracking and irritation. Slightly toxic to animals by absorption.

First Aid - Skin

Remove contaminated clothing and wash contaminated skin with large amounts water. If irritation persists, contact a physician,

Route of Exposure - Eyes

May cause eye injury which may persist for several days. Liquid and vapor in high concentrations, causes irritation, tearing and burning sensation.

First Aid - Eyes

Flush eyes with water for at least 15 minutes. Contact a physician

Route of Exposure - Ingestion

Poisonous if swallowed. Can affect the optic nerve resulting in blindness. Can cause mental sluggishness, nausea and vomiting leading to severe illness, possibly death (in humans).

Health Conditions Aggravated By Exposure

Methanol exposure may aggravate existing eye, skin, kidney and liver disorders. Pre placement and annual medical examinations are recommended for workers who normally handle methanol with emphasis on neurological, visual, liver and kidney functions. Monitoring of air in the work place is recommended to maintain methanol vapors below recommended TLV.

#12 – Ecological information

DO NOT discharge into sewer or waterways. Small spills should be flushed with large quantities of water. Large spills should be collected for disposal. Flush with water, controlled burning.

#13 – Disposal considerations

Disposal of hazardous material may be subject to federal, state or local regulations. The information contained in this document is believed to be factual, however, nothing presented herein is to be taken as a warranty or representation for which ENG Scientific, Inc.(a.k.a. A.J.P. Scientific, Inc.) shall be responsible.

#14 – Transport information

PROPER SHIPPING NAME: Methanol or Methyl Alcohol
UN NUMBER: 1230
HAZARD CLASS: 3
PACKING GROUP: II
DOT SHIPPING LABEL: Flammable Liquid



N/A For Limited Quantity

#15 – Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b)Export Notification (40 CFR 707, SUBPT. D) Not regulated
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050 Not on regulatory list
CERCLA Hazardous Substance List (40 CFR 302.4) Methanol (CAS 67-56-1)
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard – Yes
	Delayed Hazard –Yes
	Fire Hazard – Yes
	Pressure Hazard – No
	Reactivity Hazard – No
SARA 302 Extremely hazardous substance	No

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated
Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130): Not regulated
Clean Water Act (CWA) Section 112® (40 CFR 68.130) : Hazardous substance
Safe Drinking Water Act (SDWA): Not regulated.
Drug enforcement Administration (DEA). List 2 Essential Chemicals (21 XFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number : Not listed.
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c) : Not regulated.
DEA Exempt Chemical Mixtures Code Number: Not regulated.
Food and Drug Administration (FDA): N/A
US state regulation: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain and chemicals currently listed as carcinogens or reproductive toxins.

US. Massachusetts RTK – Substance List: Methanol (CAS 67-19-7)
US. New Jersey Worker and Community Right-to-Know Act: Not regulated
US. Pennsylvania RTK – Hazardous Substances: Methanol (CAS 67-19-7)

US. Rhode Island RTK: Methanol (CAS 67-19-7)

US California Proposition 65:

US-California Proposition 65 – Carcinogens and Reproductive Toxicity (CRT): Not listed.

International Inventories

Country/Region	Inventory name	On Inventory*
Canada	Non-domestic Substances List(NDSL)	Yes
Europe	European Inventory of Existing Chemical Substances (EINECS)	Yes
U.S.	Toxic Substances Control Act (TSCA) Inventory	Yes
Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

**** Yes complies with the inventory requirements administered by the governing country.***

#16 – Other information

Issue date March 2015

Version # 01

Further information The information contained in this document is believed to be factual, however, nothing presented herein is to be taken as a warranty or representation for which ENG Scientific, Inc. (a.k.a., A.J.P. Scientific, Inc.) shall be responsible.

ENG SCIENTIFIC, Inc.
a.k.a. A.J.P. Scientific, Inc.
82 Industrial East
Clifton, New Jersey, USA 07012-1798

SAFETY DATA SHEET (SDS)

#1 - IDENTIFICATION
Product Identifier – Wright, Wright Giemsa Quick Stain Kit (Solution III-Buffer)
Product Code – 4000-4230
Synonyms – Buffer (pH – 6.75)
Recommended use - Professional, scientific and medical-technical activities
Recommended restrictions - None known
Manufacturer:
Company Name - ENG Scientific, Inc. (a.k.a. A.J.P Scientific, Inc.)
82 Industrial St East
Clifton, New Jersey USA 07012-1708
Telephone - Telephone (973) 472 - 7200
Toll Free (800) 922 - 0223
Fax (973) 472 – 9460
Website www.engscientific.com
E-mail engscientific@aol.com
Emergency Contact Chemtrec (800) 424-9300

#2 - Hazard(s) Identification
Physical hazards Flammable liquid Category 0
Health hazard Category 0

Label elements



Signal word Irritant
Hazard statement N/A
Precautions N/A
Storage Store at room temperature
Supplemental info Avoid release to the environment
Disposal Dispose of contents-according to local regulations

NFPA Rating - HEALTH: 0
- FLAMMABILITY: 0
- REACTIVITY: 0

#3 – Composition
Chemical name: Sodium Phosphate, Dibasic CAS # 7558-79-4

#4 – First-aid measures
Inhalation: N/A
Eye contact: Remove contact lenses if worn. Flush eyes with water if irritated. Mild irritant.
Skin contact: Wash skin and clothing with soap and water.
Swallowing: If swallowed, immediately drink two glasses of water. Material is essentially non-toxic.

#5 – Fire-fighting measures
Extinguishing media: N/A
Special fire fighting procedures: N/A

#6 – Accidental release measures

Steps to be taken in case material is released or spilled: Wear gloves and soak up spilled solution with disposable towels. Small spills should be flushed with water. Large spills should be collected for disposal. Dilute and wash down drain with excess water.

#7 – Handling and storage

Handling: N/A
Storage: Store at room temperature and in a closed container.

#8 – Exposure controls/personal protection

Respiratory protection: N/A
Ventilation: N/A
Protective gloves: Standard
Eye protection: N/A
Other protective equipment: Lab coat.

#9 – Physical and chemical properties

Appearance: Clear, colorless liquid.
Odor: N/A B**oiling point**: 101.325 kPa > NA
Specific gravity: (H_2O = 1)
Vapor density: (air = 1) **Solubility in H_20** = Complete **Freezing point**: N/A **Evaporation Rate** = N/A
Flash point: N/A
(test methods)

#10 – Stability and reactivity

Stability: Stable as supplied.
Incompatibility: Alkaloids, antipyrine, chloral hydrate, lead acetate, pyrogallol, resorcinol
Conditions to avoid: N/A
Hazardous polymerization: Will not occur.

#11 - Toxicology information

Route of Exposure – **Inhalation** N/A
Route of Exposure – **Skin** N/A
First Aid – **Skin** N/A
Route of Exposure – Eyes Tearing might occur.
First Aid - Eyes Flush eyes with water if irritated.
Route of Exposure – Ingestion Practically non-toxic.
Health Conditions Aggravated By Exposure N/A

#12 – Ecological information

Small spills should be collected with disposable towels. Large spills should be collected and washed down drain with water.

#13 – Disposal considerations

Disposal of hazardous material may be subject to federal, state or local regulations. The information contained in this document is believed to be factual, however, nothing presented herein is to be taken as a warranty or representation for which ENG Scientific, Inc.(a.k.a. A.J.P. Scientific, Inc.) shall be responsible.

#14 – Transport information

PROPER SHIPPING NAME: N/A
UN NUMBER: N/A
HAZARD CLASS: 0
PACKING GROUP: N/A
DOT SHIPPING LABEL: N/A

#15 – Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b)Export Notification (40 CFR 707, SUBPT. D) Not regulated
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050 Not on regulatory list
CERCLA Hazardous Substance List (40 CFR 302.4)
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories Immediate Hazard – No
Delayed Hazard –No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No
SARA 302 Extremely hazardous substance No

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated
Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130): Not regulated
Clean Water Act (CWA) Section 112® (40 CFR 68.130) : Hazardous substance
Safe Drinking Water Act (SDWA): Not regulated.
Drug enforcement Administration (DEA). List 2 Essential Chemicals (21 XFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number : Not listed.
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c) : Not regulated.
DEA Exempt Chemical Mixtures Code Number: Not regulated.
Food and Drug Administration (FDA): N/A
US state regulation: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain and chemicals currently listed as carcinogens or reproductive toxins.

US. Massachusetts RTK – Substance List:
US. New Jersey Worker and Community Right-to-Know Act: Not regulated
US. Pennsylvania RTK – Hazardous Substances: N/A
US. Rhode Island RTK: N/A
US California Proposition 65:
US-California Proposition 65 – Carcinogens and Reproductive Toxicity (CRT): Not listed.

International Inventories

Country/Region	Inventory name	On Inventory*
Canada	Non-domestic Substances List(NDSL)	Yes
Europe	European Inventory of Existing Chemical Substances (EINECS)	Yes
U.S.	Toxic Substances Control Act (TSCA) Inventory	Yes
Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

**** Yes complies with the inventory requirements administered by the governing country.***

#16 – Other information

Issue date March 2015
Version # 01
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a.k.a. A.J.P. Scientific, Inc.
82 Industrial East
Clifton, New Jersey, USA 07012-1798

SAFETY DATA SHEET (SDS)

#1 - IDENTIFICATION

Product Identifier – Wright, Wright Giemsa Quick Stain Kit (Solution II - Eosin)
Product Code – 4000, 4010, 4100, 4110, 4220
Synonyms – Eosin Stain
Recommended use - Professional, scientific and medical-technical activities
Recommended restrictions - None known
Manufacturer:
Company Name - ENG Scientific, Inc. (a.k.a. A.J.P Scientific, Inc.)
82 Industrial St East
Clifton, New Jersey USA 07012-1708
Telephone - Telephone (973) 472 - 7200
Toll Free (800) 922 - 0223
Fax (973) 472 - 9460
Emergency Contact Chemtrec (800) 424-9300

#2 - Hazard(s) Identification

Physical hazards	Flammable liquid	Category 0
	Health hazard	Category 0

Label elements



Signal word	Irritant
Hazard statement	N/A
Precautions	N/A
Storage	Store at room temperature
Supplemental info	Avoid release to the environment
Disposal	Dispose of contents-according to local regulations

NFPA Rating	- HEALTH:	0
	- FLAMMABILITY:	0
	- REACTIVITY:	0

#3 – Composition

Chemical name: Eosin Y CAS # 17372-87-1

#4 – First-aid measures

Inhalation: N/A
Eye contact: Remove contact lenses if worn. Flush eyes with water if irritated. Mild irritant.
Skin contact: Wash skin and clothing with soap and water.
Swallowing: If swallowed, immediately drink two glasses of water.

#5 – Fire-fighting measures

Extinguishing media: N/A
Special fire fighting procedures: N/A

#6 – Accidental release measures

Steps to be taken in case material is released or spilled: Wear gloves and soak up spilled solution with disposable towels. Small spills should be flushed with water. Large spills should be collected for disposal. Dilute and wash down drain with excess water.

#7 – Handling and storage

Handling: Protect for damage.
Storage: Store at room temperature and in a closed container.

#8 – Exposure controls/personal protection

Respiratory protection: N/A
Ventilation: N/A
Protective gloves: Standard
Eye protection: N/A
Other protective equipment: Lab coat.

#9 – Physical and chemical properties

Appearance: Red liquid.
Odor: N/A B**oiling point**: N/A
Specific gravity: (H_2O = 1)
Vapor density: (air = 1) **Solubility in H_20** = Complete **Freezing point**: N/A **Evaporation Rate** = N/A
Flash point: Not combustible
(test methods)

#10 – Stability and reactivity

Stability: Stable as supplied.
Incompatibility: Reacts with strong oxidizing agents.
Conditions to avoid: Same as above
Hazardous polymerization: Will not occur.

#11 - Toxicology information

Route of Exposure – **Inhalation** N/A
Route of Exposure – **Skin** N/A
First Aid – **Skin** N/A
Route of Exposure – Eyes Tearing might occur.
First Aid - Eyes Flush eyes with water if irritated.
Route of Exposure – Ingestion Practically non-toxic.
Health Conditions Aggravated By Exposure N/A

#12 – Ecological information

Small spills should be collected with disposable towels. Large spills should be collected and washed down drain with water.

#13 – Disposal considerations

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#14 – Transport information

PROPER SHIPPING NAME: N/A.
UN NUMBER: N/A
HAZARD CLASS: 0
PACKING GROUP: N/A
DOT SHIPPING LABEL: N/A

#15 – Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b)Export Notification (40 CFR 707, SUBPT. D) Not regulated
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050 Not on regulatory list
CERCLA Hazardous Substance List (40 CFR 302.4)
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard – No
	Delayed Hazard –No
	Fire Hazard – No
	Pressure Hazard – No
	Reactivity Hazard – No
SARA 302 Extremely hazardous substance	No

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated
Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130): Not regulated
Clean Water Act (CWA) Section 112® (40 CFR 68.130) :
Safe Drinking Water Act (SDWA): Not regulated.
Drug enforcement Administration (DEA). List 2 Essential Chemicals (21 XFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number : Not listed.
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c) : Not regulated.
DEA Exempt Chemical Mixtures Code Number: N/A
Food and Drug Administration (FDA): N/A
US state regulation: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain and chemicals currently listed as carcinogens or reproductive toxins.

US. Massachusetts RTK – Substance List: Not regulated.
US. New Jersey Worker and Community Right-to-Know Act: Not regulated
US. Pennsylvania RTK – Hazardous Substances:
US. Rhode Island RTK:
US California Proposition 65:
US-California Proposition 65 – Carcinogens and Reproductive Toxicity (CRT): Not listed.

International Inventories

Country/Region	Inventory name	On Inventory*
Canada	Non-domestic Substances List(NDSL)	Yes
Europe	European Inventory of Existing Chemical Substances (EINECS)	Yes
U.S.	Toxic Substances Control Act (TSCA) Inventory	Yes
Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

**** Yes complies with the inventory requirements administered by the governing country.***

#16 – Other information

Issue date March 2015
Version # 01
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