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 – Trichrome Stain Kit (Solution IV – Trichrome Stain)
Product Code – 6680, 6682, 6700, 6701, 6702
Synonyms – Trichrome 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:	Glacial Acetic Acid	CAS # 64-19-7
	Phosphotungstic Acid	CAS # 12501-23-4
	Chromotrope 2R	CAS # 4197-07-3
	Fast Green SF	CAS # 2353-45-9
	Light Green SF	CAS # 5141-20-8

#4 – First-aid measures
Inhalation: Not usually required
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. Get medical attention.

#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: Dark purple-black liquid.
Odor: Pungent order. B**oiling point**: 101.325 kPa > 244^{o}F
Specific gravity: (H_2O = 1) 1.0492
Vapor density: (air = 1) 2.07 **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: None.
Conditions to avoid: Avoid open flames.
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 May cause vomiting.
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:
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

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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