



Safety Data Sheet  
According to the (US) Hazard Communication Standard (29 CFR 1910.1200)

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Name</b>	Neisser Stain, Solution 1A	
<b>NCL Catalog Number</b>	NE-1A	
<b>Product Description</b>	Laboratory chemical	
<b>Supplier</b>	NCL of Wisconsin, Inc. Telephone: 1-800-648-7836 Email: <a href="mailto:nclabs@nclabs.com">nclabs@nclabs.com</a>	PO Box 8, Birnamwood, WI 54414 Fax: 715-449-2454 Emergency Contact: 1-800-424-9300 (Chemtrec)

**SECTION 2: HAZARDS IDENTIFICATION**

**GHS Classification**

Flammable Liquids	Category 4
Skin Irritation	Category 2
Serious Eye Damage	Category 1
Specific Target Organ Toxicity	Single Exposure Category 1



**Signal Word** Danger

**Hazard Statements**

H227	Combustible liquid.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H370	Causes damage to organs.

**Precautionary Statements**

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe mist/vapors/spray.
P264	Wash exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor.
P308+P311	IF exposed or concerned: Call a POISON CENTER or doctor.
P403	Store in a well-ventilated place.
P405	Store locked up.
P501	Dispose of contents/container to comply with local, state and federal regulations.

**Other Hazards Not Contributing to the Classification**

None under normal conditions.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Identity** Not applicable

**Mixture**

Name	CAS #	Approximate %
Ethyl Alcohol	64-17-5	<5.0
Water	7732-18-5	>90.0
Methylene Blue	61-73-4	<0.1
Acetic Acid	64-19-7	<5.0
Denaturants Present in Ethyl Alcohol		
Methanol	67-56-1	<0.3
Ethyl Acetate	141-78-6	<0.1
4-Methyl-2-Pentanone	108-10-1	<0.1
Aliphatic Hydrocarbons	Unknown	<0.1

**SECTION 4: FIRST AID MEASURES**

**Description of First Aid Measures**

**General First Aid Measures** Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

**If Inhaled** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If experience respiratory symptoms: Call a POISON CENTER or doctor if you feel unwell.

**In Case of Skin Contact** Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention if you feel unwell.

**In Case of Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor if irritation persists.

**If Swallowed** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.

**Most Important Symptoms/Effects Acute and Delayed**

**After Skin Contact** Causes skin irritation.

**After Eye Contact** Causes serious eye irritation.

**Indication of Immediate Medical Attention and Special Treatment Needed**

Seek medical advice if you feel unwell.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Extinguishing Media**

**Suitable Extinguishing Media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media** Do not use a heavy water stream.

**Special Hazards Arising from the Chemical** Carbon oxides and hydrogen chloride gas.

**Special Protective Actions for Fire-Fighters** Wear self-contained breathing apparatus and protective clothing. Keep exposed containers cool with water spray. Dilute toxic gases with water spray.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protective equipment (see section 8). Safety glasses, gloves, gas/dust mask. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation and evacuate personnel to safe areas.

**Environmental Precautions** Prevent entry to surface and ground waters.

**Methods and Materials for Containment and Cleaning Up** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Ensure compliance with local, state and federal regulations.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**

Avoid contact with eyes and skin. Avoid breathing vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

**Conditions for Safe Storage  
Including any Incompatibilities**

Keep in original container, tightly closed and stored in a cool, dry, ventilated area. Store away from oxidizing agents and ignition sources.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control Parameters**

Ethyl Alcohol, Denatured, Absolute (64-17-5)		
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

**Control Parameters**

Not applicable

**Appropriate Engineering Controls**

Material should be handled or transferred in a fume hood or with equivalent ventilation. Maintain eye-wash fountain and quick-drench facilities in work area.

**Individual Protection Measures**

Avoid all unnecessary exposure.

**Eye/Face Protection**

Use chemical safety goggles and/or a full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye-wash fountain and quick-drench facilities in work area.

**Skin Protection**

Protective gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.

**Respiratory Protection**

Wear appropriate mask.

**Other Information**

Do not eat, drink or smoke when using this product.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid
<b>Color</b>	Dark blue
<b>Odor</b>	Vinegar odor
<b>Odor Threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Melting Point/Freezing Point</b>	Not determined
<b>Initial Boiling Point and Boiling Range</b>	Not determined
<b>Flash Point</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<b>Flammability (Solid, Gas)</b>	Not determined
<b>Upper/Lower Flammability/Explosive Limits</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Relative Density</b>	Not determined
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient: n-octanol/water</b>	Not determined
<b>Auto-Ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Viscosity</b>	Not determined

**SECTION 10: STABILITY AND REACTIVITY**

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under ordinary conditions of use and storage.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Store away from acids and metals.
<b>Incompatible Materials</b>	Strong oxidizers, alkali, heat, sources of ignition, acetaldehyde, ethylene oxide, hydrogen-palladium combination, hydrogen peroxide-sulfuric acid combination, hypochlorous acid, isocyanates, nitroform, phosgene, oleum, perchloric acid, aluminum, potassium t-Butoxide, nitric and sulfuric acid mixture, bromine, chlorine, chromic acid, sodium peroxide, nitric acid
<b>Hazardous Decomposition Products</b>	When heated to decomposition, can emit toxic gases and carbon dioxide.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity** Not classified

<b>Water (7732-18-5)</b>	
<b>LD50 oral rat</b>	>90000 mg/kg
<b>Ethyl Alcohol (64-17-5)</b>	
<b>LD50 oral rat</b>	5628 mg/kg
<b>LD50 dermal rabbit</b>	15800 mg/kg
<b>Acetic Acid (64-19-7)</b>	
<b>LD50 oral rabbit</b>	1200 mg/kg

<b>Skin Corrosion/Irritation</b>	Causes skin irritation.
<b>Serious Eye Damage/Irritation</b>	Causes eye irritation.
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive Toxicity</b>	Not classified
<b>Specific Target Organ Toxicity (Single Exposure)</b>	Causes damage to organs.
<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	Not classified
<b>Aspiration Hazard</b>	Not classified
<b>Potential Adverse Human Health Effects and Symptoms</b>	Not classified
<b>Symptoms/Injuries</b>	Causes skin irritation and serious eye irritation.
<b>After Eye Contact</b>	Causes serious eye irritation.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Toxicity</b>	Not applicable
<b>Persistence and Degradability</b>	Not applicable
<b>Bioaccumulative Potential</b>	Not applicable
<b>Mobility in Soil</b>	Not applicable
<b>Other Adverse Effects</b>	Not applicable

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Methods of Disposal**

**Disposal Recommendations** Dispose of contents/containers in accordance with local, state and federal regulations.

**Other Information**

Avoid release to the environment.

**SECTION 14: TRANSPORT INFORMATION**

<b>UN Number</b>	Not applicable
<b>UN Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>Environmental Hazards</b>	Not applicable
<b>Transport in Bulk</b>	Not applicable
<b>Other Precautions</b>	Not applicable

**SECTION 15: REGULATORY INFORMATION**

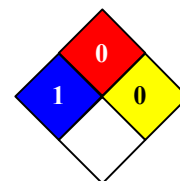
<b>Water (7732-18-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Ethyl Alcohol (64-17-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Acetic Acid (64-19-7)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Methylene Blue Chloride (61-73-4)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**SECTION 16: OTHER INFORMATION**

Revision Date: 04/10/2015

**NFPA Hazards**

<b>Health Hazard</b>	1: Exposure would cause irritation with only minor residual injury.
<b>Fire Hazard</b>	0: Materials that will not burn under typical fire conditions.
<b>Reactivity/Instability</b>	0: Normally stable, even under fire exposure conditions, and are not reactive with water.
<b>Specific Hazard</b>	



**HMIS III Rating**

<b>Health</b>	1: Irritation or minor reversible injury possible.
<b>Flammability</b>	0: Materials that will not burn.
<b>Physical Hazard</b>	0: Materials that are normally stable, even under fire conditions, and will not react with water.
<b>Personal Protection</b>	B

NE-1A	
Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

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**END OF SAFETY DATA SHEET**