

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

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Neisser Stain, Solution 1B	
NCL Catalog Number	NE-1B	
Product Description	Laboratory chemical	
Supplier	NCL of Wisconsin, Inc. Telephone: 1-800-648-7836 Email: nclabs@nclabs.com	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 3
Carcinogenicity	Category 2
Specific Target Organ Toxicity	Single Exposure Category 1
Aquatic Acute	Category 3
Aquatic Chronic	Category 3



Signal Word Danger

Hazard Statements

H226	Flammable liquid and vapor.
H351	Suspected of causing cancer.
H370	Causes damage to organs.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
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.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P311	If exposed or concerned: Call a POISON CENTER or doctor.
P370+P378	In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
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	9.2
Water	7732-18-5	89.7
Crystal Violet (C.I. 42555)	548-62-9	0.3
Denaturants Present in Ethyl Alcohol		
Methanol	67-56-1	0.5
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

Symptoms/Injuries

Causes severe skin burns and eye damage. Suspected carcinogen.

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, nitrogen 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. Protect container from physical damage.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

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

Eye/Face Protection

Avoid all unnecessary exposure.

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

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

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No data available
Chemical Stability	Stable under ordinary conditions of use and storage.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	No data available
Incompatible Materials	Strong oxidizing agents, sensitive to light
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Not classified

Water (7732-18-5)	
LD50 oral rat	≥90000 mg/kg
Ethyl Alcohol (64-17-5)	
LD50 oral rat	5628 mg/kg
LD50 dermal rabbit	15800 mg/kg
Crystal Violet (548-62-9)	
LD50 oral rat	420 mg/kg

Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Not classified
Specific Target Organ Toxicity (Single Exposure)	Causes damage to organs.
Specific Target Organ Toxicity (Repeated Exposure)	Not classified
Aspiration Hazard	Not classified
Potential Adverse Human Health Effects and Symptoms	Not classified
Symptoms/Injuries	Suspected carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity	Harmful to aquatic life with long lasting effects.
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Methods of Disposal

Disposal Recommendations	Dispose of contents/containers in accordance with federal, state and local regulations.
Other Information	Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

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

SECTION 15: REGULATORY INFORMATION

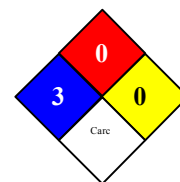
Water (7732-18-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Ethyl Alcohol (64-17-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Crystal Violet (548-62-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on SARA Section 313 (Specific Toxic Chemical Listings)

SECTION 16: OTHER INFORMATION

Revision Date: 04/10/2015

NFPA Hazards

Health Hazard	3: Short exposure could cause serious temporary or moderate residual injury.
Fire Hazard	0: Materials that will not burn under typical fire conditions.
Reactivity/Instability	0: Normally stable, even under fire exposure conditions, and are not reactive with water.
Specific Hazard	Carcinogenic



HMIS III Rating

Health	3: Major injury likely unless prompt action is taken and medical treatment is given.
Flammability	0: Materials that will not burn.
Physical Hazard	0: Materials that are normally stable, even under fire conditions, and will not react with water.
Personal Protection	C

NE-1B	
Health	3
Flammability	0
Physical Hazard	0
Personal Protection	C

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END OF SAFETY DATA SHEET