1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: **Wright Stain, Buffered**
Part Number: 1422
CAS-No.: Not applicable
SDS Number: 4610

1.2 Recommended Use: Laboratory Chemicals

1.3 Company: Newcomer Supply
2505 Parview Road
Middleton, WI 53562 USA
Telephone: 1-800-383-7799
Fax: 1-608-831-0866
Website: www.newcomersupply.com
Email: newly@newcomersupply.com

24 HOUR EMERGENCY CONTACT
CALL CHEMTREC: 1-800-424-9300
Contact CHEMTREC only in the event of an emergency involving a chemical spill, leak, fire, exposure or other accident.

2. HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture
GHS Classification, (in accordance with 29 CFR1910.1200)
Flammable liquid, Category 2
Acute toxicity (oral), Category 3
Acute toxicity (dermal), Category 3
Acute toxicity (inhalation), Category 3
Serious Eye Damage/Eye irritation, Category 2A
Specific Target Organ Toxicity – Single exposure, Category 1

2.2 GHS Label elements
Signal Word DANGER

Pictogram

Hazard Statement(s):
· Highly flammable liquid and vapour
· Toxic if swallowed
· Toxic in contact with skin
· Toxic if inhaled
· Causes skin irritation
· Causes serious eye irritation
· Causes damage to organs
Precautionary Statement(s):
Prevention:
· Keep away from heat/sparks/open flames/hot surfaces – No smoking
· Keep container tightly closed
· Ground/bond container and receiving equipment
· Use explosion-proof fume hood/electrical/ventilating/light/…/equipment
· Use only non-sparking tools
· Take precautionary measures against static discharge
· Wear protective gloves/protective clothing/eye protection/face protection
· Wash skin thoroughly after handling
· Do not eat, drink or smoke when using this product
· Avoid breathing dust/fume/gas/mist/vapours/spray
· Use only outdoors or in a well-ventilated area
Response:

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- In case of fire use carbon dioxide, dry chemical or alcohol-resistant foam.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- Specific treatment: see first aid measures in section 4
- Rinse mouth
- IF exposed: Call a POISON CENTER or doctor/physician
- Take off contaminated clothing and wash before reuse
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
- If eye irritation persists get medical advice/attention

Storage:

- Store in a well ventilated place. Keep cool
- Store locked up

Disposal:

- Dispose of contents/ container to an approved waste disposal plant.

2.3 Description of any hazards not otherwise classified None

2.4 >1% of mixture with unknown acute toxicity None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Components

Component		**Concentration**
Name	Methyl Alcohol	
CAS-No.	67-56-1	99-100%
Name	Wright Stain	
CAS-No.	68988-92-1	<1%

4. FIRST-AID MEASURES

4.1 Description of necessary measures

Inhalation (breathing)

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

Skin Contact

IF ON SKIN: Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.Call a POISON CENTER or doctor/physician.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention. Call a POISON CENTER or doctor/physician.

Ingestion (swallowed)

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and or effects, acute and delayed

The most important symptoms/effects are presented in Section 2 and or Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical, water spray, alcohol-resistant foam.

5.2 Specific hazards arising from the substance or mixture

No data available

5.3 Protective equipment and precautions for fire-fighters

Wear a positive-pressure self-contained breathing apparatus if necessary. Wear chemical resistant clothing as recommended by clothing manufacturer.

NFPA Rating

Health hazard:	Fire hazard:	Reactivity hazard:
3	2	0

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Apply personal protective equipment (see Section 8). Use in a properly ventilated area. Avoid breathing vapors. Avoid skin contact. Avoid eye contact. Wash hands after use. In case of large spill, remove personnel to a safe area. Keep product away from heat, flame, ignition sources, and reactive materials. Avoid accumulation of vapor to form explosive concentration. Pay particular attention to low areas where vapor accumulates more easily.

6.2 Methods and material for containment and cleaning up

Apply personal protective equipment (see Section 8). Contain spill. Prevent further leakage if possible and safe to do so. Ensure proper ventilation. For small amounts, wipe or absorb spill using inert material and dispose of according to local regulations. For large amounts, evacuate area and limit access. Prevent entry of material into sewage drains and confined areas. Dispose of any contaminated materials according to local regulations. Eliminate sources of ignition.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces – No smoking. Do not breathe dust/fume/gas/mist/vapours/spray.Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

Refer to Section 2.2 for proper storage temperature. Store the tightly closed container in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Components with limit values that require monitoring at the workplace

Component	CAS-No.	Regulatory	Value	Parameters
Methyl Alcohol	67-56-1	OSHA PEL	TWA	200 ppm (260 mg/m^3)
		ACGIH TLV	TWA	200 ppm (262 mg/m^3)
		ACGIH TLV	STEL	50 ppm (328 mg/m^3)
		NIOSH REL	TWA	200 ppm (260 mg/m^3)
		NIOSH REL	STEL	250 ppm (325 mg/m^3)

8.2 Exposure Controls

Appropriate engineering controls

Use in a properly ventilated area. Remove/wash before reuse contaminated clothing. Wash hands upon exiting work premises. Use product in an appropriately designated fume hood. Take measures to keep concentrations below acceptable limits.

8.3 Personal Protective Equipment

Eye/Face protection

Wear chemical safety goggles and/or a full face shield if splashing is possible. Keep eye wash fountain nearby.

Skin Protection

Wear chemical-resistant gloves. Gloves should be resistant to components of product. Refer to glove manufacturer for appropriate type and glove thickness.

Body Protection

No data available

Respiratory Protection

Respirators should only be used if the employer has implemented a written program that takes into account workplace conditions, requirements for worker training, respirator fit testing, and medical exams, as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Where the potential exists for exposure over 200 ppm, use a NIOSH approved supplied-air respirator with a full facepiece operated in a pressure-demand or other positive-pressure mode. For increased protection use in combination with an auxiliary self-contained breathing apparatus or an emergency escape air cylinder.

Exposure to 6,000 ppm is immediately dangerous to life and health. If the possibility of exposure above 6,000 ppm exists, use a NIOSH approved self-contained breathing apparatus with a full facepiece operated in a pressure-demand or other positive-pressure mode equipped with an emergency escape air cylinder.

In case of emergency, entry into unknown concentrations, or escape, wear a self-contained positive-pressure breathing apparatus.

Other Information

None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Colorless to pale blue-green liquid
Odor	Pungent odor
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	11.0°C (51.8°F) Closed cup (Methyl alcohol)
Evaporation rate	No data available
Flammability (solid, gas)	Liquid is flammable
Upper flammability or explosive limits	36% (Methyl alcohol)
Lower flammability or explosive limits	6% (Methyl alcohol)
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility(ies)	Soluble with water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available

Decomposition temperature	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable in a closed container within label-specified storage temperature and expiration date.

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
Heat, sparks, open flame, and ignition sources.

10.5 Incompatible materials
Methyl alcohol: Oxidizing agents (such as perchlorates, peroxides, permanganates, chlorates,nitrates, chlorine, bromine and fluorine); alkyl aluminum salts; acetyl bromide; chromic anhydride; mixtures of chloroform and sodium hyroxide; phosphorus trioxide; mixtures of sulfuric acid and hydrogen peroxide; isocyanates; metals (such as lead, magnesium and potassium); and nitric acid.

10.6 Hazardous decomposition products
Carbon dioxide and carbon monoxide may be released if product is heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation exposure
Inhaling methyl alcohol can irritate the nose, throat and lungs causing coughing, wheezing and/or shortness of breath.

Oral exposure
Oral exposure to methyl alcohol can cause nausea, vomiting, diarrhea and abdominal pain. Exposure to high concentrations can cause headache, dizziness, drowsiness, fatigue, loss of consciousness and death.

Dermal exposure
Contact can irritate the skin.

Skin corrosion/irritation
Prolonged or repeated exposure can cause drying and cracking of the skin with peeling, redness and itching.

Serious eye damage/irritation
Contact can irritate the eyes.

Respiratory or skin sensitization
Inhaling methyl alcohol can irritate the nose, throat and lungs causing coughing and/or shortness of breath.

Germ cell mutagenicity
No data available

Reproductive toxicity
Methyl alcohol may be a TERATOGEN in humans since it is a teratogen in animals.

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
Repeated high exposure may affect the liver, kidneys, and the nervous system.

Aspiration hazard
No data available

Acute toxicity
LD50 rat oral 5,045 mg/kg
LD50 mouse oral 7,300 mg/kg
LD50 rabbit oral 14,200 mg/kg
LC50 rat inhalation 64,000 ppm/4 hours
Two human studies showed no effects at vapor concentrations ranging from 160 to 1,000 ppm. It has been stated that it probably would be dangerous to be exposed to concentrations of the order of 30,000 to 50,000 ppm for as much as 30 to 60 minutes. It has been reported that the lethal oral dose is between 143 and 6,422 mg/kg. [Note: An oral dose of 143 to 6,422 mg/kg is equivalent to a 70-kg worker being exposed to about 7,000 to 225,000 ppm for 30 minutes, assuming a breathing rate of 50 liters per minute and 100% absorption.]

Carcinogencity
IARC: Wright Stain: Group 3 - not classifiable as to its carcinogenicity to humans
NTP: None of the components are listed
OSHA: None of the components are listed

Additional information
RTECS: No data available

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste disposal methods
Contents
Dispose of contents in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging
Dispose of packaging in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

14. TRANSPORT INFORMATION

14.1 DOT (US)

UN-Number	1230
Proper shipping name	Methanol

Hazard class	3
Packing group	II
Environmental hazards	No data available

15. REGULATORY INFORMATION

15.1

Component	CAS-No.	%	Codes

16. OTHER INFORMATION

Preparation Information
Newcomer Supply Inc.
800-383-7799
www.newcomersupply.com