




ColorWright Wright-Giemsa Stain Safety Data Sheet

According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

1. Identification
1.1 Product Identifier Trade Name: <u>ColorWright Wright-Giemsa Stain</u>
1.2 Application of the Substance/Preparation: Romanowsky stains such as Wright and Wright-Giemsa are used to stain peripheral blood films. ColorWright stains are intended for use on the Sysmex® SP-1000i and SP-10 Automated Hematology Slide Preparation Units. This reagent is to be handled by laboratory professionals or appropriately trained personnel.
1.3 Manufacturer or Distributor: Sysmex America, Inc., 577 Aptakisic Road, Lincolnshire, IL 60069, 1-800-379-7639
1.4 Emergency Telephone Number: Contact CHEM-TEL at 1-800-255-3924 or 1-813-248-0585 Sysmex's CHEM-TEL # MIS0004042
2. Hazards Identification
2.1 Classification of the Substance or Mixture Classification according to Regulation (EC) No 1272/2008:  GHS02 flame Flam. Liq. 3 H226 Flammable liquid and vapor Classification according to Directive 67/548/EEC or Directive 1999/45/EC: R10: Flammable Information concerning particular hazards for human and environment: The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
2.2 Label Elements Labeling according to Regulation (EC) No 1272/2008: The product is classified and labeled according to the CLP Regulation.

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ColorWright Wright-Giemsa Stain

Document No.: F-7052U Rev. 01

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Effective Date: 10/25/13

Hazard pictograms:



GHS02

Signal Word: Warning

Hazard-determining Components of Labeling:

Methanol

Hazard Statements:

H226 Flammable liquid and vapor

Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking

P280 Wear protective gloves and eye protection

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Additional Information: N/A

Hazard Description:

WHMIS Symbols:

B3 – Combustible liquid



HMIS Long Term Health Hazard Substances:

67-56-1 Methanol

2.3 Other Hazards

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

3. Composition/Information on Ingredients

Description: Mixture of substances listed below with nonhazardous additions

Dangerous Components:

CAS: 67-56-1 Methanol, ~99.9%

EINECS:  F R11

Index Number: 603-001-00-X



Flam. Liq. 2, H225

<p>Additional Information: The dye component, which is the active ingredient, is not listed here as a hazardous ingredient as it does not comprise 1% of the mixture, does not present a physical hazard, is not capable of release to exceed permissible exposure limit/threshold limit values and has not been identified as a carcinogen. For the wording of the listed risk phrases, refer to Section 16</p>	
4. First Aid Measures	
4.1 Description of First Aid Measures	<p>Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact physician.</p> <p>Skin Contact: Remove contaminated clothing; Wash affected area with soap and water; Contact physician if necessary.</p> <p>Eye Contact: Thoroughly flush eyes with water; Contact a physician if irritation persists</p> <p>Ingestion: Rinse mouth thoroughly with water, provided person is conscious and contact a physician immediately.</p>
5. Fire-fighting Measures	
5.1 Extinguishing Media	<p>Suitable extinguishing agents: Water spray, dry chemical, CO2 and foam for alcohol.</p> <p>For safety reasons, unsuitable extinguishing agents: Do not use direct water stream.</p>
5.2 Special Hazards Arising from the Substance or Mixture:	<p>Products of combustion may be harmful in a fire situation. May emit toxic fumes under fire conditions.</p>
5.3 Advice for Firefighters	<p>Protective equipment: Wear protective clothing with NIOSH approved breathing apparatus.</p>
6. Accidental Release Measures	
6.1 Personal Precautions, Protective Equipment and Emergency Procedures:	<p>Use appropriate safety equipment. Isolate the spill area. Eliminate sources of ignition and static discharges.</p>
6.2 Environmental Precautions:	<p>Dilute with plenty of water.</p>
6.3 Methods and Material for Containment and Cleaning Up:	<p>Place all contaminated material in a closed container for disposal according to state and federal regulations.</p>
6.4 Reference to Other Sections	

See Section 7 for information on safe handling
 See Section 8 for information on personal protection equipment
 See Section 13 for disposal information

7. Handling and Storage

7.1 Precautions for Safe Handling:

Store in cool, dry, ventilated area with tightly closed container.
 Keep from heat and sources of ignition.

Information about Fire and Explosion Protection: Wash after handling and remove soiled clothing for cleaning.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Requirements to be met by storerooms and receptacles:

Store in a cool location
 Provide ventilation for receptacles
 Keep from heat and sources of ignition

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles
 Keep container tightly sealed
 Store receptacle in a well ventilated area

7.3 Specific end use(s): No further relevant information available

8. Exposure Controls/Personal Protection

Additional information about design of technical facilities: No further data; see Section 7

8.1 Exposure Controls

Personal protective equipment:

General protective and hygienic measures:

Use only in well ventilated fume hood/area.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a

preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore has to be checked prior to the application

Sensibilization by the components in the glove materials is possible

Penetration time of glove material:

The exact break through has to be found out by the manufacturer of the protective gloves and has to be observed

Eye protection:

Contact lenses should not be worn



Safety Glasses

Body protection: Eye wash station and sink with ability to rinse solution from skin should be available.

Limitation and supervision of exposure to the environment: Methanol exposure limits for *OSHA PEL*, *ACGIH TLV/STEL* are 200ppm/250ppm.

Risk management measures:

See Section 7 for additional information

No special requirements

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid

Color: Dark blue

Odor: Odorless

Odor Threshold: Not determined

pH value at 20°C: Not determined

Change in Condition

Melting Point/Melting Range: Undetermined

Boiling Point/Boiling Range: 149°F

Flash Point: 54°F

Flammability (solid, gaseous): Not applicable

Ignition Temperature: Not determined

Decomposition Temperature: Not determined

Self-igniting: Product is not self-igniting

Danger of explosion: Consider a combustible liquid. Do not expose to open flame.

Flammable limits:

Lower: 6%

Upper: 36.5% Vapor Pressure: Not determined Density at 20°C: Not determined Relative Density: Not determined Vapor Density: Not determined Evaporation Rate: Not determined Solubility in/Miscibility with Water: Not determined Partition Coefficient (n-octanol/water): Not determined Viscosity: Dynamic: Not determined Kinematic: Not determined
9.2 Other information: No further relevant information available
10. Stability and Reactivity
10.1 Reactivity: No further relevant information available
10.2 Chemical Stability: Stable Hazardous Polymerization: Does not occur
10.3 Possibility of Hazardous Reactions: No specific data
10.4 Conditions to Avoid: Excessive heat
10.5 Incompatible Materials: No specific data
10.6 Hazardous Decomposition Products: Oxides of carbon
11. Toxicological Information
11.1 Information on Toxicological Effects LDLo50, 142mg/kg Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP and OSHA Mutagenicity: Have occurred in humans. Chronic effects on humans, damage to gastro/respiratory tract, skin, central nervous system and eyes. Extremely hazardous if ingested. Teraogenicity: Have occurred in animals; reproductive effects, toxicity in laboratory animals
12. Ecological Information
Environmental Fate and Toxicity: Products of degradation are less toxic than the product itself.

Acute Toxicity: N/A
13. Disposal Considerations
13.1 Waste Treatment Methods Recommendation: All liquid and/or contaminated material should be disposed of in compliance with Federal, State and Local regulations for disposal. Generators must determine if chemical waste is classified as hazardous waste.
14. Transport Information
DOT Classification: UN1230, Methanol, Class 3, PG II; Reportable Quantity 5000 lbs
15. Regulatory Information
<p>HCS: Flammable liquid, toxic material, target organ effects</p> <p>TSCA 8 (a), including Significant New List Rule: CAS 67-56-1 partial exemption</p> <p>TSCA 8b Health and Safety Reporting List: Listed on inventory</p> <p>Chemical Test Rules: Not listed</p> <p>Section 12b: Not listed</p> <p>SARA Sections 302 (RQ) & Section (TPQ): Not listed</p> <p>SARA Sections 311/312: Chemical inventory, Methanol fire and health hazard</p> <p>Section 313: Form R reporting, Methanol CAS 67-56-1, 99 to 100%</p> <p>Clean Air Act: Wright's Stain does not contain any Class 1 or Class 2 Ozone depleters.</p> <p>Clean Water Act: Components are not listed as Hazardous Substances, Priority Pollutants or Toxic Pollutants.</p> <p>State: Right to Know Methanol; CA, FL, IL MA, NJ, PA and RI</p> <p>European/International Regulations: European Labeling, EC Directives X</p> <p>Hazardous Symbols: Flammable liquid</p> <p>Risk Phase: Not available</p> <p>Safety Phrases:</p> <p>S24/25 Avoid contact with eyes and skin</p> <p>S37 Wear protective gloves</p> <p>S45 In case of contact, if feeling ill contact a physician immediately</p> <p>S28A Wash immediately if contact with skin</p> <p>WGK (Water Danger/Protection): No information available</p> <p>Canada-DSL/NDL-WHMIS: Classified in accordance with the hazardous criteria of the Controlled Products Regulations (CPR), Flammable Liquid/Toxic Material.</p>
15.1 Chemical Safety Assessment: A chemical safety assessment has not been carried out
16. Other Information

Sysmex America, Inc. provides the information contained herein in good faith, but makes no representative claim or warranty as to its completeness or accuracy. This document is intended only as a guide for appropriate handling of the material described by properly trained persons using the product according to its intended purposes. Individuals receiving this information retain the responsibility for determining the suitability of the information for any specific purpose. Users should consider these data only as supplement to other information gathered by themselves and must make independent determinations of the suitability and completeness of information from all sources to ensure proper use and disposal of these materials and for the safety and health of employees and customers. No warranty, expressed or implied, is made with regard to such information.

Permission is granted to make unlimited paper copies of this MSDS for internal purposes only.

Relevant Phrases:

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R10 Flammable