

This SDS complies with the US OSHA HCS 2012.

1. Product and Company Identification

Product Code: 0003524
Product Name: Kinyoun Carbofuchsin Stain
Company Name: CalibreScientific US, Inc. **Phone Number:** 1 (360)260-2779
 1311 SE Cardinal Ct Suite 170
 Vancouver, WA 98683
Web site address: Alphatecsystems.com
Email address: Regulatory@calibrescientific.com
Emergency Contact: INFOTRAC
 International 00-1- (352)323-3500
Information: North America 1 (800)535-5053
Intended Use: For Laboratory Use Only
Product List Kinyoun Stain Product Codes: 0003524C, 0003526S, 0003559, 0003566, X353501.

2. Hazards Identification

Flammable Liquids, Category 2
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 2
Germ Cell Mutagenicity, Category 2
Carcinogenicity, Category 1B
Specific Target Organ Toxicity (single exposure), Category 1
Specific Target Organ Toxicity (repeated exposure), Category 2



GHS Signal Word: **Danger**

GHS Hazard Phrases: H225 - Highly flammable liquid and vapor.
 H302 - Harmful if swallowed.
 H315 - Causes skin irritation.
 H332 - Harmful if inhaled.
 H341 - Suspected of causing genetic defects.
 H350 - May cause cancer .
 H370 - Causes damage to organs
 H373 - May cause damage to through prolonged or repeated exposure.

GHS Precautionary Phrases: P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 - Keep container tightly closed.
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P308+311 - If exposed or concerned: Call a POISON CENTER/Doctor/...
 P313 - Get medical advice/attention.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P314 - Get medical attention/advice if you feel unwell.
 P330 - Rinse mouth.
 P332+313 - If skin irritation occurs, get medical advice/attention.
 P362+364 - Take off contaminated clothing and wash it before reuse.
GHS Storage and Disposal Phrases: P405 - Store locked up.
 P501 - Dispose of contents/container to safe area according to state and local guidelines.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64-17-5	Ethyl alcohol {Ethanol}	5.01 -15.01 %
108-95-2	Phenol {Carbolic acid; Hydroxybenzene}	1.8 -4.85 %
569-61-9	C.I. Basic red 9 monohydrochloride {C.I. 42500; Fuschin; Homolka's Base}	10000. -21000. PPM
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	0.5 -1.0 %
67-63-0	Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}	0.5 -1.0 %
7732-18-5	Water	No Data.

4. First Aid Measures

Emergency and First Aid Procedures: No data available.

5. Fire Fighting Measures

Flash Point: No data.
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: No data available.
Fire Fighting Instructions: No data available.
Flammable Properties and Hazards: No data available.
Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: No data available.

7. Handling and Storage

Precautions To Be Taken in Handling: No data available.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol {Ethanol}	PEL: 1000 ppm	TLV: 1000 ppm	No data.
108-95-2	Phenol {Carbolic acid; Hydroxybenzene}	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
569-61-9	C.I. Basic red 9 monohydrochloride {C.I. 42500; Fuschin; Homolka's Base}	No data.	No data.	No data.
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	PEL: 5 ppm	TLV: 5 ppm	No data.
67-63-0	Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
7732-18-5	Water	No data.	No data.	No data.

Respiratory Equipment (Specify Type): No data available.

Eye Protection: No data available.

Protective Gloves: No data available.

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): No data available.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: No data available.

pH: No data.

Melting Point: No data.

Boiling Point: No data. / 0.0 mm Hg

Flash Point: No data.

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure: No data.

Vapor Density (vs. Air=1): No data.

Specific Gravity (Water=1): No data.

Solubility in Water: No data.

Saturated Vapor: No data.

Concentration:	
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	No data.
Decomposition Temperature:	No data.
Viscosity:	No data.

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	No data available.
Hazardous Decomposition or Byproducts:	No data available.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information:	No data available.
Carcinogenicity:	NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

	No data available.
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13. Disposal Considerations

Waste Disposal Method:	No data available.
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14. Transport Information

GHS Classification:	<p>Flammable Liquids, Category 2 - Danger! Highly flammable liquid and vapor</p> <p>Acute Toxicity: Inhalation, Category 4 - Warning! Harmful if inhaled</p> <p>Acute Toxicity: Oral, Category 4 - Warning! Harmful if swallowed</p> <p>Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation</p> <p>Germ Cell Mutagenicity, Category 2 - Warning! Suspected of causing genetic defects</p> <p>Carcinogenicity, Category 1B - Danger! May cause cancer</p> <p>Specific Target Organ Toxicity (single exposure), Category 1 - Danger! Causes damage to organs {<target organs>}</p> <p>Specific Target Organ Toxicity (repeated exposure), Category 2 - Warning! May cause damage to {<target organs>} through prolonged or repeated exposure</p>
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LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Flammable liquids, corrosive, n.o.s. (Ethanol, Phenol)
DOT Hazard Class: 3 FLAMMABLE LIQUID, CORROSIVE
UN/NA Number: UN2924 **Packing Group:** III

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Flammable liquids, corrosive, n.o.s. (Ethanol, Phenol)
UN Number: UN2924 **Packing Group:** III
Hazard Class: 3 (8) - FLAMMABLE LIQUID, CORROSIVE **TDG Classification:**

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Flammable liquids, corrosive, n.o.s. (Ethanol, Phenol)
UN Number: UN2924 **Packing Group:** III
Hazard Class: 3 (8) - FLAMMABLE LIQUID, CORROSIVE

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Flammable liquids, corrosive, n.o.s. (Ethanol, Phenol)
UN Number: UN2924 **Packing Group:** III
Hazard Class: 3 (8) - FLAMMABLE LIQUID, CORROSIVE

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64-17-5	Ethyl alcohol {Ethanol}	No	No	No
108-95-2	Phenol {Carbolic acid; Hydroxybenzene}	Yes 500 LB	Yes NA	Yes
569-61-9	C.I. Basic red 9 monohydrochloride {C.I. 42500; Fuschin; Homolka's Base}	No	No	No
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	No	Yes NA	Yes
67-63-0	Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}	No	No	Yes
7732-18-5	Water	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

64-17-5	Ethyl alcohol {Ethanol}	CA PROP.65: No; MA Oil/HazMat: Yes; NJ EHS: No; PA HSL: Yes - 1
108-95-2	Phenol {Carbolic acid; Hydroxybenzene}	CA PROP.65: No; MA Oil/HazMat: Yes; NJ EHS: Yes - 1487; PA HSL: Yes - E
569-61-9	C.I. Basic red 9 monohydrochloride {C.I. 42500; Fuschin; Homolka's Base}	CA PROP.65: Yes: Canc.; MA Oil/HazMat: Yes; NJ EHS: No; PA HSL: No
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	CA PROP.65: Yes: RDTox.; MA Oil/HazMat: Yes; NJ EHS: Yes - 1222; PA HSL: Yes - E
67-63-0	Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: Yes - 1076; PA HSL: Yes - E
7732-18-5	Water	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No

16. Other Information

Revision Date: 03/21/2025 **Previous revision:** 06/23/2023

Preparer Name: A. Frontella

Additional Information About This Product: No data available.

Document & Change Control Number SDS0203.H.

Company Policy or Disclaimer: Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.