1. Identification

Product Name: Sudan Black B Stain

Synonyms: Sudan Stain

Recommended Use: Special Stains

Manufacturer: BBC Biochemical

409 Eleanor Lane,
Mount Vernon, WA 98273
1-800-635-4477

Item #: SKC1032-250, SKC1032-500

Web SDS: S180

2. Hazards Identification

OSHA Hazard Classification(s):
No OSHA Hazard Classifications Applicable

Signal Word: N/A

Hazard Statement(s): N/A

Pictogram(s): N/A

Precautionary Statement(s): N/A

Descriptions of Hazards not otherwise classified: N/A

Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name</th>
<th>CAS #</th>
<th>Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sudan Black B</td>
<td>Sudan Black</td>
<td>4197-25-5</td>
<td>Trade Secret</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>1,2 Propanediol</td>
<td>57-55-6</td>
<td>Trade Secret</td>
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</tbody>
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4. First Aid Measures

Eye Contact: Flush eyes with water as a precaution.

Skin Contact: Wash off with plenty of water. Remove contaminated clothing and launder before reuse as a precaution.

Inhalation: Move person to fresh air; give artificial respiration if breathing has stopped.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if discomfort occurs.

Symptoms: N/A

Recommendations for immediate medical care/special treatment: If exposure by any route causes irritation get medical advice/attention.

5. Fire-Fighting Measures

Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam, water.

Fire Hazards (Chemical): Not flammable.

Special Protective Equipment: Firefighters should use self-contained breathing apparatus and protective clothing.

Precautions for Firefighters: Firefighters should use self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers.

7. Handling and Storage

Handling: Do not breathe vapors. Do not eat, drink or smoke when using this product.

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

<table>
<thead>
<tr>
<th>Reagent</th>
<th>CAS #</th>
<th>OSHA PEL TWA</th>
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</thead>
<tbody>
<tr>
<td>N/A</td>
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<td>N/A</td>
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</table>

ACGIH Threshold Limit Values (TLVs):

<table>
<thead>
<tr>
<th>Reagent</th>
<th>CAS #</th>
<th>ACGIH PEL TLV</th>
<th>ACGIH STEL</th>
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<tbody>
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<td></td>
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</table>

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: Dark Blue/Black, Liquid
Molecular Weight: N/A
Molecular Formula: N/A
pH: N/A
Boiling Point and Boiling Range: N/A
Melting Point/Freezing Point: N/A
Flash Point: N/A
Specific Gravity/Relative Density: N/A
Odor: N/A
Odor Threshold: N/A
Color: Dark Blue/Black
Flammability (solid/gas): N/A
Vapor Density: N/A
Upper/Lower flammability or explosive limits: N/A
Vapor Pressure: N/A
Evaporation Rate: N/A
Partition Coefficient: n-octanol/water: N/A
Viscosity: N/A
Auto-ignition temperature: N/A
Solubility: N/A
Decomposition Temperature: N/A

10. Stability and Reactivity

Reactivity:
Chemical Stability: Stable
Conditions of Stability/Instability: N/A
Stabilizers needed: None
Safety issue indicated by appearance change: N/A
Sudan Black B Stain

Other: N/A
Hazardous Reactions: N/A
Hazardous Polymerization: Does not occur
Conditions to avoid: N/A
Classes of Incompatible Materials: Oxidizers, Strong Acids, Strong Bases
Hazardous Decomposition Products: Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (i.e. Carbon monoxide) may be released in a fire.

11. Toxicological Information
Likely Routes of Exposure
Eyes: Irritation.
Skin: Irritation.
Inhalation: Dizziness, headache.
Ingestion: Nausea.

Signs or Symptoms of Exposure: Nausea.
Effects from short term exposure (delayed, immediate, chronic): Irritation to the eyes, nose, skin.
Acute Toxicity (Numerical Measures): N/A
Carcinogenicity (NTP, IARC, OSHA): N/A

12. Ecological Information
Ecotoxicity: Toxicity to fish:
LC50= 51400 mg/L Pimephales promelas 96 h;
LC50= 51600 mg/L Oncorhynchus mykiss 96 h
Microtox: EC50 = 710 mg/L 30 min
Daphnia Magna (Water Flea): EC50 > 10000 mg/L 48 h
Persistence and degradability: N/A
Bioaccumulation Potential (octanol-water partition coefficient, BCF): N/A
Mobility in the soil: N/A
Adverse Environmental Effects: Harmful to aquatic organisms.

13. Disposal Considerations
Recommended Disposal Containers: Check with your local waste authorities*
Recommended Disposal Methods: Do not dispose of in drains, check with your local waste authorities.*
Physical/Chemical Properties affecting Disposal: See section 2 and section 9 applicable information.*
Special Precautions for Landfill and Incineration Activities: Check with your local waste authorities.*
Waste Stream: Consult your local or regional authorities.*

14. Transport Information
UN Number: Not regulated.
UN Proper Shipping Name:
Transport Hazard Class(es):
Packing Group Number:
Environmental Hazards (IMDG code):
Marine Pollutant:
Transport in Bulk (IBC Code):
Special Transport Precautions:

15. Regulatory Information
OSHA:
16. Other Information

Revision Date: 01/13/2015

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<tr>
<th>NFPA</th>
<th>National Fire Protection Association (USA) NFPA</th>
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<tbody>
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<tr>
<td>Reactivity</td>
<td>0</td>
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<tr>
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<th>Hazardous Material Information System HMIS</th>
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<tbody>
<tr>
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<tr>
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