

# SAFETY DATA SHEET

Sperm Viability Stain

SDS DATE: 1/15/2016  
v001

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Reagent 1: Eosin Y, 1% Aqueous  
**SYNONYMS:**  
**PRODUCT CODES:** SA200

**MANUFACTURER:** Fertility Solutions Inc.  
**ADDRESS:** 11811 Shaker Blvd. Suite 330  
Cleveland, OH 44120

**EMERGENCY PHONE:** 800-959-7656  
**OTHER CALLS:** 216-491-0030  
**FAX PHONE:** 216-491-0032

**PRODUCT USE:** Laboratory chemicals  
**PREPARED BY:** RLP

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## SECTION 2: HAZARDS IDENTIFICATION

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**CLASSIFICATION:** Based on available data, the classification criteria are not met under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**LABEL ELEMENTS:** None required.

**HAZARDS NOT OTHERWISE CLASSIFIED (HNO):** None identified

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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Specific chemical formula is being withheld as a trade secret.

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## SECTION 4: FIRST AID MEASURES

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**AFTER SKIN CONTACT:** Wash off immediately with plenty of water for at least 15 minutes.

**AFTER EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**INHALATION:** Move to fresh air.

**AFTER SWALLOWING:** Do not induce vomiting.

**MOST IMPORTANT SYMPTOMS/EFFECTS:** No information available.

**NOTES TO PHYSICIAN:** Treat symptomatically.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**UNSUITABLE EXTINGUISHING MEDIA:** No information available.

**FLASH POINT:**  
**METHOD:** No information available.

**AUTOIGNITION TEMPERATURE:** No information available.

**EXPLOSION LIMITS:**  
**UPPER:** No data available.  
**LOWER:** No data available.

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## SECTION 5: FIRE-FIGHTING MEASURES (cont)

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**SENSITIVITY TO MECHANICAL IMPACT:** No information available.

**SENSITIVITY TO STATIC DISCHARGE:** No information available.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** Keep product and empty container away from heat and sources of ignition.

**HAZARDOUS COMBUSTION PRODUCTS:** None known

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### NFPA

**HEALTH**

1

**FLAMMABILITY**

0

**INSTABILITY**

0

**PHYSICAL HAZARDS**

N/A

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS:** Ensure adequate ventilation. Use personal protective equipment.

**ENVIRONMENTAL PRECAUTIONS:** See Section 12 for additional ecological information.

**METHODS FOR CONTAINMENT AND CLEAN UP:** No information available.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING:** Ensure adequate ventilation.

**STORAGE:** Keep containers tightly closed in a dry, cool and well-ventilated place.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**EXPOSURE GUIDELINES:** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**ENGINEERING MEASURES:** Ensure adequate ventilation, especially in confined areas.

**EYE/FACE PROTECTION:** Wear appropriate eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**SKIN AND BODY PROTECTION:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**RESPIRATORY PROTECTION:** Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**HYGIENE MEASURES:** Handle in accordance with good industrial hygiene and safety practice.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Pink Liquid

**ODOR:** Odorless

**ODOR THRESHOLD:** Not determined

**PHYSICAL STATE:** Liquid

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (cont)

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<b>pH AS SUPPLIED:</b>	N/A
<b>MELTING POINT/MELTING RANGE:</b>	Undetermined
<b>BOILING POINT/BOILING RANGE:</b>	Undetermined
<b>FLASH POINT:</b>	N/A
<b>FLAMMABILITY:</b>	Product is not flammable.
<b>IGNITION TEMPERATURE:</b>	N/A
<b>DECOMPOSITION TEMPERATURE:</b>	Not determined
<b>AUTO IGNITING:</b>	Not determined
<b>DANGER OF EXPLOSION:</b>	Product does not present an explosion hazard.
<b>EXPLOSION LIMITS:</b>	
<b>LOWER:</b>	Not determined
<b>UPPER:</b>	Not determined
<b>VAPOR PRESSURE:</b>	14 mmHg @ 20 °C
<b>VAPOR DENSITY (AIR = 1):</b>	0.62
<b>SPECIFIC GRAVITY:</b>	1.0 (at room temperature)
<b>EVAPORATION RATE:</b>	No information available
<b>SOLUBILITY IN WATER:</b>	Soluble in water.
<b>SEGREGATION COEFFICIENT:</b>	Not determined
<b>DYNAMIC:</b>	N/A
<b>KINEMATIC:</b>	N/A
<b>OTHER INFORMATION:</b>	No further relevant information available

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## SECTION 10: STABILITY AND REACTIVITY

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<b>STABILITY:</b>	Stable
<b>THERMAL DECOMPOSITION:</b>	No decomposition if used according to specifications.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	No dangerous reactions known.
<b>CONDITIONS TO AVOID (STABILITY):</b>	No further relevant information available.
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	No further relevant information available.
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	No dangerous decomposition products known.
<b>HAZARDOUS POLYMERIZATION:</b>	To our knowledge will not occur.
<b>CONDITIONS TO AVOID (POLYMERIZATION):</b>	None

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## SECTION 11: TOXICOLOGICAL INFORMATION

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<b>ON THE SKIN:</b>	No irritant effect.
<b>ON THE EYE:</b>	No irritating effect.
<b>SENSITIZATION:</b>	No sensitizing effects known.
<b>CARCINOGENIC CATEGORIES:</b>	
<b>IARC (International Agency for Research on Cancer):</b>	Substance is not listed.
<b>NTP (National Toxicology Program):</b>	Substance is not listed.
<b>OSHA:</b>	Substance is not listed.

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## SECTION 12: ECOLOGICAL INFORMATION

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<b>AQUATIC TOXICITY:</b>	No further relevant information available.
<b>PERSISTENCE AND DEGRADABILITY:</b>	No further relevant information available.
<b>BIOACCUMULATIVE POTENTIAL:</b>	No further relevant information available.
<b>MOBILITY IN SOIL:</b>	No further relevant information available.
<b>WATER HAZARD CLASS 1:</b>	Slightly hazardous for water. Do not allow product or large quantities of it to reach ground water, water course or sewage system.
<b>PBT:</b>	N/A
<b>vPvB:</b>	N/A
<b>OTHER ADVERSE EFFECTS:</b>	No further relevant information available.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Dispose in accordance with your institution's waste disposal plan.

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## SECTION 14: TRANSPORT INFORMATION

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**U.S. DOT:** Not regulated

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## SECTION 15: REGULATORY INFORMATION

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N/A

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## SECTION 16: OTHER INFORMATION

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**PREPARATION INFORMATION:** Fertility Solutions, Inc.

**DISCLAIMER:** The above information is believed to be correct, but no claim is made that the information is all inclusive and it should be used only as a guide. Fertility Solutions, Inc. shall not be held liable for any damage resulting from contact with the above product.

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Reagent 2: Nigrosin, 10% Aqueous

**SYNONYMS:**

**PRODUCT CODES:** SA200

**MANUFACTURER:** Fertility Solutions Inc.

**ADDRESS:** 11811 Shaker Blvd. Suite 330  
Cleveland, OH 44120

**EMERGENCY PHONE:** 800-959-7656

**OTHER CALLS:** 216-491-0030

**FAX PHONE:** 216-491-0032

**PRODUCT USE:** Laboratory Chemicals

**PREPARED BY:** RLP

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## SECTION 2: HAZARDS IDENTIFICATION

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**CLASSIFICATION:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**GHS LABEL ELEMENTS:** Not a hazardous substance or mixture.

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):** None identified.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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Specific chemical formula is being withheld as a trade secret.

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## SECTION 4: FIRST AID MEASURES

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**IN CASE OF INHALATION:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if victim feels unwell.

**IN CASE OF SKIN CONTACT:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

**IN CASE OF 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..

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

**MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE AND DELAYED:** The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:** No data available

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## SECTION 5: FIRE-FIGHTING MEASURES

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**SUITABLE EXTINGUISHING AGENTS:** CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**SPECIAL HAZARDS:** No data available.

**ADVICE FOR FIREFIGHTERS:** Wear a positive-pressure self-contained breathing apparatus if necessary. Wear chemical resistant clothing as recommended by clothing manufacturer.

**NFPA**

**HEALTH**  
0

**FIRE**  
0

**REACTIVITY**  
0

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS:** Apply personal protective equipment (see Section 8). Use in a properly ventilated area. Avoid breathing vapors. Avoid skin contact. Avoid eye contact. Wash hands afterwards.

**METHODS AND MATERIAL:** 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.

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## SECTION 7: HANDLING AND STORAGE

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**PRECAUTIONS FOR SAFE HANDLING:** Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing.

**PROTECTION AGAINST EXPLOSIONS AND FIRES:** No special measures required.

**REQUIREMENTS TO BE MET BY STOREROOMS:** Refer to Section 2 for proper storage temperature. Store the tightly closed container in a cool, dry, well-ventilated area.

**FURTHER INFORMATION:** Keep receptacle tightly sealed.

**SPECIFIC END USE(S):** No further relevant information available.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**GENERAL PROTECTIVE AND HYGIENIC MEASURES:** General laboratory hygiene practice.

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

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

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Black Liquid

**ODOR:** Characteristic

**ODOR THRESHOLD:** Not determined

**PHYSICAL STATE:** Liquid

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (cont)

---

<b>pH AS SUPPLIED:</b>	N/A
<b>MELTING POINT/MELTING RANGE:</b>	Undetermined
<b>BOILING POINT/BOILING RANGE:</b>	Undetermined
<b>FLASH POINT:</b>	N/A
<b>FLAMMABILITY:</b>	Product is not flammable.
<b>IGNITION TEMPERATURE:</b>	N/A
<b>DECOMPOSITION TEMPERATURE:</b>	Not determined
<b>AUTO IGNITING:</b>	Not determined
<b>DANGER OF EXPLOSION:</b>	Product does not present an explosion hazard.
<b>EXPLOSION LIMITS:</b>	
<b>LOWER:</b>	Not determined
<b>UPPER:</b>	Not determined
<b>VAPOR PRESSURE:</b>	18 mmHg @ 20°C
<b>VAPOR DENSITY (AIR = 1):</b>	1
<b>SPECIFIC GRAVITY:</b>	1.0 (at room temperature)
<b>EVAPORATION RATE:</b>	No information available
<b>SOLUBILITY IN WATER:</b>	N/A
<b>SEGREGATION COEFFICIENT:</b>	Not determined
<b>DYNAMIC:</b>	N/A
<b>KINEMATIC:</b>	N/A
<b>OTHER INFORMATION:</b>	No further relevant information available

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## SECTION 10: STABILITY AND REACTIVITY

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<b>STABILITY:</b>	No data available.
<b>THERMAL DECOMPOSITION:</b>	No decomposition if used according to specifications.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	No dangerous reactions known.
<b>CONDITIONS TO AVOID (STABILITY):</b>	No further relevant information available.
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	Strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	No dangerous decomposition products known.
<b>HAZARDOUS POLYMERIZATION:</b>	To our knowledge will not occur.
<b>CONDITIONS TO AVOID (POLYMERIZATION):</b>	None

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## SECTION 11: TOXICOLOGICAL INFORMATION

---

**ON THE SKIN:** No data available.

**ON THE EYE:** No data available.

**SENSITIZATION:** No data available.

**CARCINOGENIC CATEGORIES:**

**IARC (International Agency for Research on Cancer):** Substance is not listed.

**NTP (National Toxicology Program):** Substance is not listed.

**OSHA:** Substance is not listed.

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## SECTION 12: ECOLOGICAL INFORMATION

---

**AQUATIC TOXICITY:** No further relevant information available.

**PERSISTENCE AND DEGRADABILITY:** No further relevant information available.

**BIOACCUMULATIVE POTENTIAL:** No further relevant information available.

**MOBILITY IN SOIL:** No further relevant information available.

**PBT:** No data available.

**vPvB:** No data available.

**OTHER ADVERSE EFFECTS:** No further relevant information available.

---

## SECTION 13: DISPOSAL CONSIDERATIONS

---

**WASTE DISPOSAL METHOD:** Dispose in accordance with your institution's waste disposal plan.

---

## SECTION 14: TRANSPORT INFORMATION

---

**U.S. DOT:** Not regulated

---

## SECTION 15: REGULATORY INFORMATION

---

N/A

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## SECTION 16: OTHER INFORMATION

---

**PREPARATION INFORMATION:** Fertility Solutions, Inc.

**DISCLAIMER:** The above information is believed to be correct, but no claim is made that the information is all inclusive and it should be used only as a guide. Fertility Solutions, Inc. shall not be held liable for any damage resulting from contact with the above product.