



## MATERIAL SAFETY DATA SHEET

Fertility Solutions  
11811 Shaker Blvd. Suite 330  
Cleveland OH USA 44120  
Telephone 216-491-0030 x200 Fax 216-491-0032

- I. **PRODUCT IDENTIFICATION:**  
A. TRADE NAME Sperm Viability Stain  
B. PRODUCT NUMBER SA200 – Reagent 1: Eosin
- II. **HAZARDOUS INGREDIENTS:**  
A. COMPOSITION 1% Eosin-Y in reagent grade water
- III. **PHYSICAL DATA:**  
A. APPEARANCE Red Liquid  
B. ODOR Odorless  
C. MELTING POINT NA  
D. SPECIFIC GRAVITY 1  
E. EVAPORATION RATE NA  
F. VAPOR DENSITY NA  
G. VAPOR NA  
H. WATER SOLUBILITY 100%
- IV. **FIRE AND EXPLOSION DATA:**  
A. FIRE HAZARD Negligible fire hazard when exposed to heat or flame.  
B. FLASH POINT NA  
C. FLAMMABLE LIMITS NA  
D. EXTINGUISHING MEDIA Use appropriate media for surrounding fire.  
E. SPECIAL FIREFIGHTING PROCEDURES None, routine firefighting apparatus only.
- V. **HEALTH HAZARDS:**  
A. TOXICITY Nontoxic.  
B. OVEREXPOSURE Inhalation or contact with skin or eyes may cause irritation or infections.  
C. FIRST AID PROCEDURES Flush eyes with copious amounts of water for 15 minutes. If there is skin contact, wash with soap and water and remove any contaminated clothing or shoes. If swallowed, rinse mouth with water, provided person is conscious. Seek medical attention, if necessary.
- VI. **REACTIVITY DATA:**  
A. STABILITY Stable.  
B. INCOMPATIBILITIES NA  
C. HAZARDOUS DECOMPOSITION May form carbon oxides or nitrogen oxides.
- VII. **SPILL, LEAK AND DISPOSAL PROCEDURES:**  
A. SPILLS OR LEAKS Wear suitable protective clothing. Absorb spill with absorbent disposable towels.  
B. DISPOSAL Dispose as potential infectious waste in accordance with your institution's biohazardous waste disposal plan.
- VIII. **HANDLING AND STORAGE PRECAUTIONS:**  
A. EYE/SKIN PROTECTION Safety glasses, gloves and fluid resistant labcoat recommended.  
B. STORAGE Reagents should be stored at room temperature.
- IX. **ISSUED**  
A. Revised 5/1999 by J. Quigley  
4/2013 by J. Quigley

### **ADDITIONAL COMMENTS:**

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 shall not be held liable for any damage resulting from contact with the above product.



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## MATERIAL SAFETY DATA SHEET

- I. **PRODUCT IDENTIFICATION:**  
A. TRADE NAME Sperm Viability Stain  
B. PRODUCT NUMBER SA200 – Reagent 2: Nigrosin
- II. **HAZARDOUS INGREDIENTS:**  
A. COMPOSITION 10% Nigrosin reagent grade water
- III. **PHYSICAL DATA:**  
A. APPEARANCE Dark Purple Liquid  
B. ODOR Odorless  
C. MELTING POINT Decomposes  
D. SPECIFIC GRAVITY 1  
E. EVAPORATION RATE NA  
F. VAPOR DENSITY NA  
G. VAPOR NA  
H. WATER SOLUBILITY 100%
- IV. **FIRE AND EXPLOSION DATA:**  
A. FIRE HAZARD Fire or excessive heat may produce hazardous decomposition products.  
B. FLASH POINT NA  
C. FLAMMABLE LIMITS NA  
D. EXTINGUISHING MEDIA Use appropriate media for surrounding fire.  
E. SPECIAL FIREFIGHTING PROCEDURES None, routine firefighting apparatus only.
- V. **HEALTH HAZARDS:**  
A. TOXICITY Nontoxic.  
B. OVEREXPOSURE Inhalation or contact with skin or eyes may cause irritation or infections.  
C. FIRST AID PROCEDURES Flush eyes with copious amounts of water for 15 minutes. If there is skin contact, wash with soap and water and remove any contaminated clothing or shoes. If swallowed, rinse mouth with water, provided person is conscious. Seek medical attention, if necessary.
- VI. **REACTIVITY DATA:**  
A. STABILITY Stable.  
B. INCOMPATIBILITIES Strong oxidizers.  
C. HAZARDOUS DECOMPOSITION Thermal decomposition may produce CO<sub>2</sub> and probably CO. Oxides of nitrogen may also be present.
- VII. **SPILL, LEAK AND DISPOSAL PROCEDURES:**  
A. SPILLS OR LEAKS Wear suitable protective clothing. Absorb spill with absorbent disposable towels.  
B. DISPOSAL Dispose as potential infectious waste in accordance with your institution's biohazardous waste disposal plan.
- VIII. **HANDLING AND STORAGE PRECAUTIONS:**  
A. EYE/SKIN PROTECTION Safety glasses, gloves and fluid resistant labcoat recommended.  
B. STORAGE Reagents should be stored at room temperature.
- IX. **ISSUED**  
A. Revised 5/1999 by J. Quigley  
8/2012 by R. Pillow

### **ADDITIONAL COMMENTS:**

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.