

# SAFETY DATA SHEET

Sperm Immobilizing Diluent

SDS DATE: 2/2/2021

v004

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Sperm Immobilizing Diluent  
**SYNONYMS:**  
**PRODUCT CODES:** SA101  
  
**MANUFACTURER:** Fertility Solutions Inc.  
**ADDRESS:** 4635 Richmond Rd., Suite 100  
Warrensville Hts., OH 44128  
  
**EMERGENCY PHONE:** 216-491-0030  
**OTHER CALLS:** 216-491-0030  
**FAX PHONE:** 216-491-0032  
  
**PRODUCT USE:** Laboratory reagent  
**PREPARED BY:** RLP

## SECTION 2: HAZARDS IDENTIFICATION



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.  
Acute Tox. 5 H303 May be harmful if swallowed.  
Acute Tox. 5 H333 May be harmful if inhaled.

**HAZARD-DETERMINING COMPONENTS OF LABELING:**  
formaldehyde

**SIGNAL WORD:** Danger

### RISK PHRASES:

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
40 Limited evidence of a carcinogenic effect.  
43 May cause sensitisation by skin contact.

### SAFETY PHRASES:

2 Keep out of the reach of children.  
36/37 Wear suitable protective clothing and gloves.  
46 If swallowed, seek medical advice immediately and show this container or label.  
56 Dispose of this material and its container to hazardous or special waste collection point.

### CLASSIFICATION SYSTEM:

NFPA ratings (scale 0 - 4)  
Health = 2  
Fire = 0  
Reactivity = 0

### HMIS-RATINGS (SCALE 0 - 4)

Health = 2  
Fire = 0  
Reactivity = 0

### OTHER HAZARDS:

Results of PBT and vPvB assessment  
**PBT:** Not applicable.  
**vPvB:** Not applicable.

# SAFETY DATA SHEET








Sperm Immobilizing Diluent

SDS DATE: 2/2/2021

v004

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**DESCRIPTION:** Mixture of the substances listed below with nonhazardous additions (sodium bicarbonate and polyvinylpyrrolidone).

DANGEROUS COMPONENTS:		
CAS: 50-00-0	formaldehyde  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331;  Carc. 2, H351;  Skin Corr. 1B, H314;  Skin Sens. 1, H317	<5%
CAS: 67-56-1	methanol  Flam. Liq. 2, H225;  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331;  STOT SE 1, H370	<3%

## SECTION 4: FIRST AID MEASURES

**EYES:** Rinse opened eye for several minutes under running water.

**SKIN:** Immediately wash with water and soap and rinse thoroughly.

**INGESTION:** Obtain medical attention.

**INHALATION:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

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

**SPECIAL FIRE FIGHTING PROCEDURES:** None, routine firefighting apparatus only

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**PROTECTIVE EQUIPMENT:** Mouth respiratory protective device.

**HAZARDOUS DECOMPOSITION PRODUCTS:** To our knowledge will not occur

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Not required.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow to enter sewers/ surface or ground water.

**METHODS AND MATERIAL:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

## SECTION 7: HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

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

# SAFETY DATA SHEET

Sperm Immobilizing Diluent

SDS DATE: 2/2/2021

v004

---

## SECTION 7: HANDLING AND STORAGE (cont)

---

**STOREROOMS AND RECEPTACLES:** No special requirements.

**STORAGE IN ONE COMMON STORAGE FACILITY:** Not required.

**FURTHER INFORMATION ABOUT STORAGE CONDITIONS:** Keep receptacle tightly sealed.

**SPECIFIC END USE:** No further relevant information available.

---

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

---

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations are close to the workstation location

**RESPIRATORY PROTECTION:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**EYE PROTECTION:** Safety glasses

**SKIN PROTECTION:** Gloves and fluid resistant labcoat recommended.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice.

---

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

**APPEARANCE:** Clear Liquid

**ODOR:** Pungent odor

**PHYSICAL STATE:** Liquid

**pH AS SUPPLIED:** 9

**VAPOR PRESSURE:** No information available

**VAPOR DENSITY (AIR = 1):** No information available

**SPECIFIC GRAVITY:** 1.0

**EVAPORATION RATE:** No information available

**SOLUBILITY IN WATER:** 100%

---

## SECTION 10: STABILITY AND REACTIVITY

---

**STABILITY:** Stable

**INCOMPATIBILITY (MATERIAL TO AVOID):** Should not be stored with strong acids or bases, near heat, flame and sparks.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** To our knowledge will not occur.

**HAZARDOUS POLYMERIZATION:** To our knowledge will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** None

# SAFETY DATA SHEET

Sperm Immobilizing Diluent

SDS DATE: 2/2/2021

v004

---

## SECTION 11: TOXICOLOGICAL INFORMATION

---

**TOXICOLOGICAL INFORMATION:** Inhalation, ingestion, or skin absorption may be harmful. Wear appropriate laboratory safety equipment. Formalin is toxic and may be carcinogenic.

---

## SECTION 12: ECOLOGICAL INFORMATION

---

No data available

---

## SECTION 13: DISPOSAL CONSIDERATIONS

---

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

---

## SECTION 14: TRANSPORT INFORMATION

---

**U.S. DEPARTMENT OF TRANSPORTATION:** Not regulated

---

## SECTION 15: REGULATORY INFORMATION

---

### CARCINOGENIC CATEGORIES

<b>EPA (Environmental Protection Agency):</b>	50-00-0 formaldehyde	B1
---	----------------------	----

<b>TLV (Threshold Limit Value established by ACGIH):</b>	50-00-0 formaldehyde	A2
--	----------------------	----

<b>NIOSH-Ca (National Institute for Occupational Safety and Health):</b>	50-00-0 formaldehyde
--	----------------------

<b>OSHA-Ca (Occupational Safety &amp; Health Administration):</b>	50-00-0 formaldehyde
---	----------------------

---

## 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.